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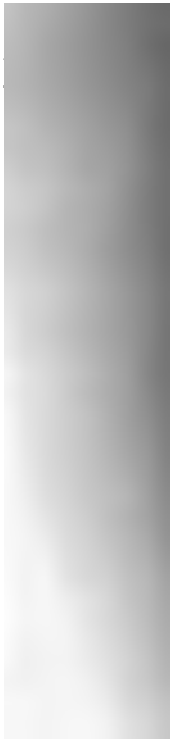

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SCIENCE AND ART DEPARTMENT
OF THE
COMMITTEE OF COUNCIL ON EDUCATION.

TABLES
OF THE
RESULTS OF A SERIES OF EXPERIMENTS
ON THE
STRENGTH OF BRITISH COLONIAL AND OTHER WOODS

EXHIBITED AT THE
INTERNATIONAL EXHIBITION, 1862; MADE AT THE
SOUTH KENSINGTON MUSEUM BY
CAPTAIN F. FOWKE, R.E.
WITH HIS REPORT ON SIMILAR EXPERIMENTS IN 1855.

LONDON:
PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,
PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY.
FOR HER MAJESTY'S STATIONERY OFFICE.

1867.

1863 e. 47

PREFACE.

DURING the Paris International Exhibition of 1855 the late Captain Francis Fowke, Royal Engineers, carried out certain experiments for ascertaining a variety of qualities in woods from British Colonial Possessions, and other countries which were contributors to the Exhibition; and published the results in a Report which is appended to the present volume.

The woods were exhibited either as applicable to useful and scientific purposes, or as worthy specimens of native timber.

After the London Exhibition of 1862 he conducted similar experiments on woods then exhibited. The present volume contains a full and detailed account of them. They extended over a very considerable period of time, and were conducted with much care and attention on the part of those who assisted Captain Fowke in his operations.

Upwards of 3000 pieces of wood were experimented upon.

Messrs. Hayward Tyler and Co. of Upper Whitecross Street, London, having kindly placed at the disposal of the Science and Art Department a handy hydraulic press for the purpose, the experiments were uniformly conducted with this machine, which was regulated for a variety of purposes, and which from its sensitiveness and precision rendered the operations all the more satisfactory. The pressure exerted upon the pieces of wood tested was indicated by one dial on the press, whilst another dial was arranged to indicate, in one-thousandths of an inch, the deflection and other features exhibited by the woods at every 1120 lbs., or half ton weight of pressure exerted by the hydraulic machine.

It should be observed that in every instance the experiments were conducted upon one uniform system, and the results for pressure exerted by the press on the woods, as well

as the effect by deflection from such pressure, was noted throughout each experiment undertaken at every additional half ton weight (1120 lbs.) of strain, or part of such half ton weight of strain, applied.

The pieces of wood were all carefully cut to one standard length of 16 inches, and squared as nearly as possible, in every instance, to two inches.

Whenever the piece of wood would not run to two inches square, it has been noted in Table II., the table of experiments for ascertaining the breaking weights; and in the summary of these experiments, Table III., it should be observed that a calculation has been made upon such pieces as were in any degree less than the standard measure, so as to bring the order of the breaking weights applied relatively to the one uniform measurement for each piece of wood, viz., 16 inches long and two inches square.

The bearings for the woods were 12 inches apart in the clear, between which the hydraulic press exerted its force centrally.

In the experiments for ascertaining the crushing weights both in the direction of the fibre of the wood and transversely of it (Tables IV. and VI.), the pieces were all cut to one standard measure, a cube of one inch. Tables V. and VII. give the result of these crushing experiments in order, with the number of experiments on each wood. The mean crushing weights deduced from them will be found Tables IV. and VI.

Table VIII. shows details of a series of experiments for ascertaining the elasticity of the woods, or more properly the recovery of the woods from deflection on the removal of every additional 1120 lbs. put upon them. For these experiments the woods were operated upon under similar conditions to those referred to above in the experiments for ascertaining the breaking weights.

Table IX. will be found to form a general summary or guide to the whole of the other experiments. Thus any details of the experiments themselves can be readily found by

means of this general index table, which gives a summary of them.

For example—

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.	
			Distilled Water being 1·000.	Page.	lbs.	Page.	lbs.	Page.
20 A.	Pinus Picea -	Austria - -	0·408	10	784	13	..	..
20 B.	Do. - -	Do. - -	„	„	1,036	„	..	..
20 C.	Do. - -	Do. - -	„	„	1,764	„	..	..
20 D.	Do. - -	Do. - -	„	„	1,083	„	..	..
21 A.	Do. - -	Do. - -	0·420	„	1,717	„	..	..

and so on with Tables IV., V., VI., VII., and VIII.

The names of the countries, from which the specimens of woods operated upon were procured, are placed in alphabetical order in the Tables as far as they could be so arranged. This, it is hoped, will render the book more easy for reference.

An Index is supplied, showing the pages on which will be found the several tables of experiments, with the detail of their object and purpose.

HENRY SANDHAM,
Keeper in charge of the
Collections of Construction.

South Kensington,
June 1867.

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TABLES.

TABLE I.—SPECIFIC GRAVITY.

In this Table the Woods are arranged in the Order of their Specific Gravity.

No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1·000.
341 A.	Iron Wood	Jamaica	1·254
9 A. B.	Swamp Oak	Queensland	1·240
13 A. B.	Bullet Wood	British Honduras	1·230
121 A.B. Aα. Aδ.	Weeping Myall	Queensland	1·228
345 A. B.	Wild Orange	Jamaica	1·211
65 A. B. Aα. Aδ.	Red Iron Bark	Queensland	1·204
17 A.	Sapodilla	British Honduras	1·204
1 A. B. C. D.	White or Pale Iron Bark	New South Wales (South-	1·204
339 A. B. C. D.	Naseberry Bullet Tree	Jamaica	1·201
212 A. B.	Jamaica Ebony (Black Heart varieties).	Do.	1·193
8 A. B.	Iron Bark	New South Wales (Hunter River).	1·193
3 A. B. C.	Do.	New South Wales (South)	1·192
21 A. B. C. D.	Caoutchouc	British Honduras	1·192
243 A. B.	Acoma or Mastic	Trinidad	1·190
90 A. B.	N. O. Pittisporaceæ	Queensland	1·190
7 A. B. C. D.	Narrow-leaved Smooth or Red Iron Bark.	New South Wales (South)	1·187
28 A. B. C.		Victoria	1·116
265 A. B.	Red Mangrove	Trinidad	1·182
29 A. B. Aα. Aδ.	Lignum Vitæ	Queensland	1·182
11 A. B. C. D.	Bastard Box of Illawarra	New South Wales (South)	1·117
20 A. B. C. D.	Cuamara or Tonka	British Guiana	1·174
2 A. B.	Ebony ? White Iron Bark (Black Heart variety).	New South Wales (South)	1·173
216 A. B. C. D.	Dog Wood	Jamaica	1·170
3 A. B. C.	Iron Bark	New South Wales (South)	1·163
77 A. B.	Iron Bark of the Clarence	Do. do. (North)	1·157
2 A.	Iron or Beef Wood	Ceylon	1·157
10,373 A.	Gnoo Shwoay	East India	1·151
10,478 A. B. C.	Nat Gyee	Do.	1·149
2,468 A.	Pannaga	Do.	1·148
4 A. B. C. D.	Broad-leaved Rough Iron Bark.	New South Wales (South)	1·148
319 Aα. Aδ. Bα. Bδ. Bc. Bd. Cα. Cδ. Cc. Eα. Eδ.	Cocoa Nut	Jamaica	1·148
13 A. B. C. D.	Bastard Box	New South Wales (South)	1·143
122 A.B. Aα. Aδ.	Bricklow	Queensland	1·144
5 A. B. C. D.	Iron Bark	New South Wales (South)	1·193
237 A. B.	Sapodilla, Sapotillier	Trinidad	1·138
12 D.	Gomphan	New South Wales (North)	1·137
3 A. B. C.	Iron Bark	Do. do. (South)	1·134
21 A. B. C. D.	Blue Gum	Do. do. do.	1·134
216 A.	Purple Heart	Trinidad	1·133
350 A. B.	Green Heart	Jamaica	1·132
67 A. B. Aα. Aδ.	Spotted Gum	Queensland	1·133
15 A. B. C.	Musk Tree	Victoria	1·132
297 A. B. C. D.	Red Heart	Jamaica	1·131
63 A. B. Aα. Aδ.	Black Iron Bark	Queensland	1·129
1 A. B. C. D.	Peppermint Tree	Victoria	1·127
61 A. B. Aα. Aδ.	N. O. Myrtaceæ	Queensland	1·127
4 A. B.	Canasin	British Honduras	1·124
355 A. B.	Black Rose Wood	Jamaica	1·124
8 A. B. C. D.	Narrow-leaved Iron Bark	New South Wales (South)	1·124

TABLE I.—*continued.*

No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1·000.
257 B. C.	Pui	Trinidad	1·120
17 A. B. C. D.	Dthackai Courroo	New South Wales (South)	1·120
25 A. B. C. D.	Rough-barked Gum	Do. do. do.	1·117
79 A. B. *Aa. Ab.*	Common Tea Tree	Queensland	1·116
18 A. B.	Boxwood	Liberia	1·114
34 A. B. C. D.	- - -	Victoria	1·112
22 A. B. C. D.	Iron Bark Tree	Do.	1·113
10 A. B. C. D. *Aa. Ab. Ac. Ad.*	Woolly-but	Do.	1·105
4,754 A. B.	Iron Wood	East India	1·104
72 A. B. *Aa. Ab.*	Woolly Butt	Queensland	1·101
2 A. B.	White Iron Bark	New South Wales (South)	1·100
8 A. B. C. D.	- - -	Victoria	1·099
29 A. B. C.* D.* *Aa. Ab. Ac. Ad.* A.* B.*	-	Do.	1·095
556 A. B. C.	Blue Gum	Tasmania	1·095
37 A. B. C. D.	Eucalyptus Sp.	New South Wales (South)	1·093
64 A. B. *Aa. Ab.*	Grey Iron Bark	Queensland	1·093
44 A. B. *Aa. Ab.*	Tulip Wood	Do.	1·091
10,258 A. B.	Gangan	East India	1·091
6 A. B. *Aa. Ab.*	Forest Oak	Queensland	1·090
117 A. B. *Aa. Ab.*	Rosewood	Do.	1·090
91 A. B.	Crab Tree	Do.	1·088
358 A. B. C.	White Rose Wood	Jamaica	1·087
2 A. B.	Cranadilla	British Honduras	1·087
5,603 A.	Assân	East India	1·087
23 A. B.	Grey Gum	New South Wales (South)	1·084
38 A. B. C. D.	Grey Gum, from Brisbane Water.	Do. do. do.	1·083
14 A. B. C. D.	Bastard Box	Do. do. do.	1·083
8 A.	Pimento	British Honduras	1·080
5,602 A.	Abloos or Kândoo	East India	1·080
221 A. B.	Guatamaro	Trinidad	1·079
33 A. B. C. D.	Grey Box	Victoria	1·079
3 A.	Grey Gum (Hunter River)	New South Wales	1·077
97 A. B.	Sersalisia Sericea	Queensland	1·077
10 A. B. C. D.	Box of Illawarra	New South Wales (South)	1·074
3 A. B. C. D.	Chicheur	British Honduras	1·071
10*o.* 10*o.* B. C.	Woolly Butt	Victoria	1·070
24 A. B. *Aa. Ab.*	Broad-leaved Cherry	Queensland	1·070
3,953 A.	Rohnie	East India	1·069
12 A. B. C.	True or Yellow Box of Camden	New South Wales (South)	1·068
223 A. B. C. D.	Braziletto	Jamaica	1·067
5 A. B. C. D.	Bastard or White Box	New South Wales (North)	1·065
15 A. B. C.	Box	Do. do. (South)	1·065
16 A. B. C. D.	Burneh Bully or Bullet Tree	British Guiana	1·062
5,609 A.	Keehar	East India	1·060
26 A. B. C. D. *Ab. Ac. Ad.*	Greenheart	British Guiana	1·060
64 A. B.	Tea Tree	New South Wales (North)	1·058
374 A. B. C. D.	Blue Gum	Tasmania	1·058
120 A. B.	Acacia Sp.	Queensland	1·057
71 *Aa. Ab.*	Swamp Mahogany	Do.	1·056
71 A. B.	Swamp Oak	New South Wales (North)	1·022
16 A. B.	Subin or Cubin	British Honduras	1·053
20 A. B.	Blue Gum	New South Wales (South)	1·050
68 A. B. *Aa. Ab.*	Turpentine Tree	Queensland	1·048
5 A. B.	Iron Bark (from Hunter River).	New South Wales	1·047
2 *Aa. Ab. Ac. Ad.*	Grey Box Tree	Victoria	1·047
19 A. B. C. D.	Blue Gum of Camden	New South Wales (South)	1·044
1,220 A. B.	Unjun	East India	1·043
7,520 A.	- - -	Do.	1·040
1 A. B. C.	Siricote	British Honduras	1·037
10 A. B. C. D.	Box of Illawara	New South Wales (South)	1·035
2,471 A.	Kasso	East India	1·033
66 A. B. *Aa. Ab.*	Stringy Bark	Queensland	1·032
85 A. B. C.	Peppermint	Tasmania	1·028
73 A. B. *Aa. Ab.*	Tamarind	Queensland	1·027

TABLE I.—*continued.*

No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1·000.
2,345 A.	Tenasserim Mahogany	East India	1·026
262 A. B. C. D.	Alivier	Trinidad	1·025
147 A.	Terruvah	East India	1·026
201 A. B. C.	Red Candle Wood	Jamaica	1·026
11 A.	Chucya	British Honduras	1·026
104 A. B. C.	-	East India	1·025
71 A. B.	Swamp Oak	New South Wales (North)	1·022
40 A. B. C. D.	Messmate	Do. do. (South)	1·024
80 A. B. A*a*. A*b*.	Bottle Brush Tree	Queensland	1·022
10,367 A. B.	-	East India	1·020
46 D.	-	Victoria	1·019
252 A. B. C.	White Mangrove	Jamaica	1·017
220 A. B.	Casse	Trinidad	1·017
6 B.	Mahogany (Hunter River)	New South Wales	1·016
1 A.	Blue Gum (Hunter River)	Do. do.	1·016
3,961 A.	Mowah	East India	1·013
214 A. B. C. D.	Savoneth Jaune	Trinidad	1·013
109 A. B. A*a*. A*b*.	Olive Tree	Queensland	1·012
44 A. B.	Mahogany	New South Wales (South)	1·009
54 A. B.	Turpentine	Do. do. do.	1·008
48 A. B. C. D.	Stringy Bark, Camden	Do. do. do.	1·008
40 A. B. C.	Uroobie	Do. do. (North)	1·006
26 S.	Spotted or Mottled Gum	Do. do. (South)	1·006
80 A.	-	East India	1·006
64 A. B.	Broad-leaved Tree	New South Wales (South)	1·004
3 A. B.	Coast Tea Tree	Victoria	1·004
48 A. B. A*a*. A*b*.	Cymuosma Oblongifolia	Queensland	1·004
115 A. B.	Acacia	Do.	0·999
10,390 A. B.	Htoukgyan	East India	0·999
55 A. B.	Water Gum	New South Wales (South)	0·999
55 A. B. A*a*. A*b*.	Backhousia Citriodora	Queensland	0·998
113 A. B. A*a*. A*b*.	Mangrove	Do.	0·998
105 A. B.	River or White Oak	New South Wales (South)	0·997
10,477 A. B. C.	Kay Yoob	East India	0·997
4,665 A.	Kowah	Do	0·996
103 A. B.	Grey Gum	New South Wales (North)	0·996
7 A. B. C.	-	Victoria	0·994
20 A. B. C.	Iron Wood	Liberia	0·993
4 A. B.	Monkey nut	British Guiana	0·992
16 A.	Thurambia Flooded Gum	New South Wales (South)	0·992
23 A. B. A*a*. A*b*.	Mountain Ash	Queensland	0·990
40 A. B. A*a*. A*b*.	Capania Sp.	Do.	0·990
2 A. B. C. D. A*a*. A*b*. A*c*. A*d*.	Grey Box Tree	Victoria	0·988
18 A. B. C.	Blue Gum of Coast districts	New South Wales (South)	0·986
106 A. B. A*a*. A*b*. B*a*. B*b*. C*a*. C*b*.	Gerjeria Salicifolia	Queensland	0·985
12 A. B. A*a*. A*b*.	Flindosa	Do.	0·986
20 A. B. A*a*. A*b*. B*a*. B*b*.	Callhum	Do.	0·984
58 A. B. A*a*.	Myrtle	Do.	0·986
114 A. B.	Brush Iron Bark	New South Wales (North)	0·982
28 A. B. C. D.	Native Plum	Do.	0·982
74 A. B.	White Myrtle	Do.	0·982
88 A. B.	Found in the Brush Forests on the Clarence.	Do.	0·982
111 A. B. A*a*. A*b*.	Notelæa Longifolia	Queensland	0·978
10 A. B. C.	Cedar	Liberia	0·978
10,376 A.	Yin-dike	East India	0·976
160 A. B.	White Lance Wood	Jamaica	0·976
219 A. B. C. D.	Tamarind	Trinidad	0·973
558 C. for A. B. C.	Blue Gum	Tasmania	0·973
24 A. B.	Woolly Butt of Illawarra	New South Wales (South)	0·972
10,485 A. B. C.	Padouk	East India	0·972
280 A. B. C. D.	Gempa	Trinidad	0·971
106 A. B.	Iron Wood	New South Wales (North)	0·970
44 A*a*. B*b*. C*c*. D*d*.	Mahogany	Do.	0·970
10,362 A. B.	Gyo	East India	0·969
7,629 A. B.	Boom Mai Za	Do.	0·969
108 A. B. A*a*. A*b*.	Canthium Lamprophyllum	Queensland	0·969

TABLE I.—*continued.*

No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1·000.
111 A. B. C. D.	Water Gum	New South Wales (North)	0·968
276 A. B.	Guatecare	Trinidad	0·969
5,610 A.	Koozoon	East India	0·965
N.S.W. 46/12.	Stringy Bark of Coast	New South Wales (South)	0·965
196 A. B.	Beefwood	Trinidad	0 964
16 A.	Flooded Gum	New South Wales (South)	0·964
328 A. B.	Black Bullet Tree	Jamaica	0·962
10,386 A.	Nabhay	East India	0·962
145 A.	Bou	Do.	0·962
15*a*. B. C. D.	Mora	British Guiana	0·961
84 A. B.	Black Wattle of Illawarra	New South Wales (South)	0·961
70 A. B.	Myrtle	Do.	0·961
10,489 A. B.	Kya Ya	East India	0.959
67 A. B.	Nono Gyinandie	New South Wales (North)	0·959
102 A. B. C. D.	Flooded Gum	Do.	0·958
10,348 A. B.	Petwoon	East India	0·958
63 A. B.	Flintsmendosa	New South Wales (North)	0·956
57 A. B.	Iron Wood	Queensland	0·956
70 A. B. A*a*. A*b*.	Blood Wood	Do.	0·955
60 A. B.	Hickory Lignum Vitæ	New South Wales (North)	0·954
371 A. B. C. D.	White Torch	Jamaica	0·953
363 A.	Beech Wood	Do.	0·952
36 A. B. A*a*. A*b*.	Pseudalangium Tomentosum	Queensland	0·952
42 A. B. C.	Swamp Mahogany	New South Wales (South)	0·951
222 A. B. C. D.	Palo Mulato	Trinidad	0·951
210 A. B. C.	Casuariana Equisitifolia	Jamaica	0·949
14 A. B.	Tastab	British Honduras	0·948
6 A. B. C.	Eucalyptus (found at Buffalo River).	Victoria	0·947
27 A. B. C. D.	Black Butt Gum	New South Wales (South)	0·946
10,491 A. B.	Zangyecoat-doup	East India	0·946
46 A. B. C. D.	Stringy Bark of Coast	New South Wales (South)	0·946
104 A. B. A*a*. A*b*.		Queensland	0·944
164 A. B. C. D.	Blood or Iron Wood	Jamaica	0·942
13 A. B.	Wobul	New South Wales (North)	0·939
53 A. B. A*a*. A*b*.	Myrtus Trinervis	Queensland	0·939
54 A. B.	Schmidelia Pyriformis	New South Wales (North)	0·939
77 A. B.	Broad-leaved Tea Tree	Queensland	0·939
407 A.	Star Apple	Jamaica	0·938
11 A. B. C.	Black Gum	Liberia	0·938
218 A. B. C. D.	Naraujillo Amarillo	Trinidad	0·938
38 A. B. C. D.	Native Cherry Tree	Victoria	0·937
21 A. B.	Cabbage Tree	Queensland	0·935
53 A. B.	Carissa Ovata	New South Wales (North)	0·935
1 A.	Halmollih	Ceylon	0·935
137 A. B.	Wallandun Deyern	New South Wales (South)	0·935
10,410 A. B.	Hteingalah	East India	0·935
9 A.	Blue Gum (Hunter River)	New South Wales	0·935
4 A.	Cypress Pine	Queensland	0·935
110 A. B. A*a*. A*b*.	Ixorea Thozetiana	Do.	0·932
373 C*a*. C*b*. C*c*.	(For 11 specimens) Stringy Bark.	Tasmania	0·932
2 A. B. C. D. A*a*. A*b*. A*c*. A*d*.	Grey Box Tree	Victoria	0·929
36 A. B. C. D.	White Gum Tree	Do.	0·929
363 A. B. C. D	Gum Topped Stringy Bark or White Gum.	Tasmania	0·929
10,357 A.	Theya	East India	0·928
10,382 A.	Pouktheuma-Meyck-Kyouk	Do.	0·925
228 A. B.	Yellow Candle Wood	Jamaica	0·923
24 A*a*. A*b*.		Hungary	0·922
45 A. B. A*a*. A*b*	Schmidelia Pyriformis	Queensland	0·920
49 A. B. C. D.	Stringy Bark Berrina	New South Wales (South)	0·920
No. 10/9	Box of Illawarra	Do. do.	0·918
43 A. B.	Bat and Ball, Native Orange? Native Pomegranate.	Do. (North)	0·917
54 A. B. A*a*. A*b*.	Myrtus Argentea	Queensland	0·916
42 A. B. C. D. A*a*. A*b*. A*c*. A*d*.		Victoria	0·916
69 A. B. A*a*. A*b*.	Smooth-barked Gum	Queensland	0·915

TABLE I.—*continued*.

No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1·000.
267 A. B. C. D.	White Bully Tree	Jamaica	0·914
364 A. B.	Peppermint	Tasmania	0·913
62 A. B. Aα. Aβ.	Black Iron Bark	Queensland	0·912
217 A. B.	Locust	Trinidad	0·912
60 A. B. C.	Common Tea Tree	New South Wales (South)	0·911
4,660 A.	Surrye	East India	0·911
10,379 A. B.	Padouk	Do.	0·908
19 A. B. Aα. Aβ.	Lightwood	Queensland	0·906
32 A. B. Aα. Aβ.	Plum Tree	Do.	0·906
89 A. B.	Found in Brush forests on the Clarence.	New South Wales (North)	0·905
94 A. B.	Silver Tree	Queensland	0·905
44 A. B.	Booah Mahogany	New South Wales (South)	0·905
7,514 A. B.		East Indies	0·905
6 A. B. C. D.	Red Box	New South Wales (North)	0·905
372 A. B.	Beef Apple	Jamaica	0·903
84 A. B.	Marblewood	New South Wales (North)	0·903
49 A. B. Aα. Aβ.	Nimusops Parviflora	Queensland	0·903
6 A.	Chucxax	British Honduras	0·901
21 A. B.	Wootaril	New South Wales (North)	0·901
105 A. B. Aα. Aβ.	Barkleya Syringifolia	Queensland	0·900
A. B. Aα. Aβ.	Bean Tree	Do.	0·898
60 A. B. Aα.	Myrtus Australis	Do.	0·898
47 A. B.	Stringy Bark Appin	New South Wales (South)	0·898
226 A.	Angelin	Trinidad	0·898
10,352 A.	Eng	East India	0·898
36 A. B.	Larrabie	New South Wales (North)	0·896
7,093 A.	Gading Gading	East India	0·894
185 A. B. C. D.	Noyer	Trinidad	0·895
	Suklivo	East India	0·893
18 A. B. C.	Blue Gum of Coast Districts	New South Wales (South)	0·892
52 A. B. Aα. Aβ.	Hodgkinsonia Ovatiflora	Queensland	0·891
4 A.	Satin Wood	Ceylon	0·891
10,475 A. B.	Mance Auka	East India	0·891
10,397 A. B.	Thabyehgah	Do.	0·888
10,388 A. B.	Pangah	Do.	0·888
140 A. B.	Sandal Wood	Do.	0·885
25 A.	Roble Blanco	British Honduras	0·884
10,356 A. B.	Engyin	East India	0·884
18 A.	Kaskat	British Honduras	0·884
5,598 A.	Sâl	East India	0·884
100 Aα. Aβ.	Ebenaceæ	Queensland	0·883
43 A. B. C. D.		Victoria	0·882
57 A. B. C. D.	Hicory	New South Wales (South)	0·881
4,668 A.	Dhowrah	East India	0·881
226 A. B. C. D.	Angelin	Trinidad	0·880
7,677 A. B.	Tsuk Thu	East India	0·879
3 A.	Taming	Ceylon	0·878
155 A. B. C. D.	Japana, Japanare, or Algodon.	Trinidad	0·878
9 A. B. C.		Victoria	0·877
270 A. B. Aα. Aβ. Aγ. Aδ.	Wild Guana	Trinidad	0·876
28 A. B. Aα. Aβ.	Mangrove	Queensland	0·874
41 A. B.	Cupania Pseudorchus	Do.	0·872
66 A. B.	Bastard Myall	New South Wales (North)	0·871
7,071 A.	Murbow	East India	0·871
50 A. B. Aα. Aβ.	Maba Geminata	Queensland	0·870
7,089 A.	Bintaling	East India	0·868
53 A. B. C. D.	Apple	New South Wales (South)	0·868
169 A. B. C. D.	Paraman	Trinidad	0·868
123 A. B.	Acacia	Queensland	0·867
5,606 A.	Sissoo (Red)	East India	0·864
4,671 A.	Baubul	Do.	0·864
10,384 A.	Thitsu	Do.	0·864
35 A. B. C. D.	Stringy Bar	Victoria	0·861
88 A. B. Aα. Aβ.	Bursaria Ferruginea	Queensland	0·861
15 A.	Mabinjuh, or Mabinjuj	British Honduras	0·861
354 A. B.	Sweet Wood	Jamaica	0·861
7 A. B.	Buranna	New South Wales (North)	0·860
171 A. B. C. D.	White Beech	Do. (South)	0·859

TABLE I.—*continued.*

No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1·000.
102 A. B. A*a*. A*b*.	Ebènacæ	Queensland	0·857
13 A. B. C. D.	No name	Hungary	0·857
7,531 A.	Do.	East India	0·857
376 A. B.	Blood-red Wood, Black Mahogany.	Jamaica	0·857
3 A. B. C.	Gooroic	New South Wales (North)	0·856
10,355 A. B.	Thingador	East India	0·854
10,393 A. B.	Bambonay	Do.	0·854
7,065 A.	Gaham Bada	Do.	0·852
7,067 A.	Bia-babi	Do.	0·852
93 A. B. C. D.	Myrtle	Tasmania	0·849
47 A. B. C. D.	Rosewood	New South Wales (North)	0·849
163 A.	Mahoe des Londres	Trinidad	0·847
326 A. B.	Red Wood	Jamaica	0·847
38 A. B. C. D.	Grey Plum	Queensland	0·846
3,951 A.	Pindra	East India	0·846
369 A. B. C. D.	Tea Tree	Tasmania	0·845
14 A. B.	Found near Lismore, near Richmond River.	New South Wales (North)	0·845
5,601 A.	Burdur	East India	0·844
168 A. B. C. D.	Suretto	Trinidad	0·844
7,529 A.	Asna or Asan	East India	0·844
10,399 A. B.	Laizah	Do.	0·842
52 A. B. C. D.	Apple Tree of Coast	New South Wales (South)	0·838
10,482 A. B.	Pune Thah	East India	0·837
7,086 A.	Dammer-laut	Do.	0·837
4,663 A.	Saj	Do.	0·837
7,086 A.	Tine or Sisso	Do.	0·837
384 A. B. C. D.	Black Mahogany or Blood-red Wood.	Jamaica	0·837
43 A. B. C. D.	Swamp Mahogany	New South Wales (South)	0·836
10,416 A. B.	Zoung-za-lat	East India	0·835
7 A. B. C. D.	Mooraballi	British Guiana	0·835
9 A. B. C.		Hungary	0·835
108 A. B.	Bush Brush Cherry	New South Wales (South)	0·834
365 A. B.	Wild Cinamon	Jamaica	0·834
58 A. B.	Mahogany	Liberia	0·834
10,440 A.	Baman	East India	0·834
200 A. B. C. D.	Laurier Canelle	Trinidad	0·832
7 A.	River Oak	Queensland	0·832
2,465 A.	Marabow	East India	0·830
236 A. B. C.	South American Acacia	Jamaica	0·830
212 A. B.	Balsam Capivi	Trinidad	0·827
218 A. B.	Dog Wood	Jamaica	0·827
11 A. B. C. D.	Broad-leaved Box Tree	Victoria	0·826
166 A. B. C.	Bois Cortiero ? Soap-nut Tree	Trinidad	0·825
89 A. B.	Bursaria Spinosa	Queensland	0·824
3 A.	Larch	Russia	0·823
154 A. B.	Red Ash, Leather Jacket, Coopers Wood.	New South Wales (South)	0·821
4,666 A.	Ghatoo	East India	0·820
1,215 A.	Karee	Do.	0·820
45 A. B. C.	Wattle	Victoria	0·818
3,955 A.	Kardahee	East India	0·817
10,434 A.	Theetmin	Do.	0·817
46 A. B. A*a*. A*b*.	Catha Cunninghami	Queensland	0·815
13 A. B. A*a*. A*b*.	Flindersia Benuettiana	Do.	0·815
10,375 A. B.	May-za-lei	East India	0·814
10,415 A.	Khaboung	Do.	0·813
185 A.	Blackwood	Do.	0·813
59 A. B.	Prickly Tea Tree	New South Wales (South)	0·810
205 A. B. C. D.	Canturo	Trinidad	0·809
9 A. B.	Santa Martia	British Honduras	0·806
25 A. B. A*a*. A*b*.	Cherry	Queensland	0·805
14 A. B. C. D.		Hungary	0·804
2 A. B. C. D.		Do.	0·804
4,664 A.	Bujah	East India	0·803
169 A. B. C. D.	Red Wood	Jamaica	0·803
208 A. B. C. D.	Canto	Trinidad	0·799
8 A. B. C. D.	Blackwood	Tasmania	0·798
3,952 A.	Jymungul	East India	0·797

TABLE I.—*continued.*

No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1·000.
56 A. B. *Aa.* *Ab.*	Eugenia Marginata	Queensland	0·797
21 A.	Black Oak	Liberia	0·796
118 A. B. *Aa.* *Ab.*	Acacia Sapindoides	Queensland	0·795
59 A. B. *Aa.* *Ab.*	Myrtus Aemenoides	Do.	0·795
351 A.	Musk Wood	Jamaica	0·794
7,618 A. B.	Thin Ghan	East India	0·793
5,607 A.	Peasal	Do.	0·793
109 A. B.	Swamp Mahogany	New South Wales (North)	0·793
51 A. B. C. D.	Pencil Cedar; Turnip Wood	Do. do.	0·792
4,662 A.	Dhengun	East India	0·791
10,225 A.	Saul	Do.	0·790
116 A. B.	Acacia	Queensland	0·790
5,600 A.	Sissoo (Black)	East India	0·790
7 A. *Aa.*	Tea Tree (Hunter River)	New South Wales	0·786
84 A. B. *Aa.* *Ab.*	Satin Wood	Queensland	0·785
69 A. B.	Found at Clarence and Richmond Brush Forests.	New South Wales (North)	0·784
338 A. B. C.	Spanish Elm	Jamaica	0·784
112 *Aa.* *Ab.*	N. O. Capparidaceæ	Queensland	0·783
207 A. B. C. D.	Canto	Trinidad	0·783
8 A. B. *Aa.* *Ab.*	Shingle Oak	Queensland	0·781
15 A. B. *Aa.* *Ab.*	Silky Oak	Do.	0·780
10,420 A. B.	Thau-duy	East India	0·780
6,545 A.	Tounkatsut	Do.	0·779
144 A.	Bengha	Do.	0·779
10 A. B.	Menem, Box of Illawarra	New South Wales (North)	0·777
6,550 A.	Pangah	East India	0·776
34 A. B.	Dark Yellow Wood	Queensland	0·776
5 A. B.	Kakaralli	British Guiana	0·774
7,622 A. B. C. D.	Oak Au	East India	0·774
17 A. B. *Aa.* *Ab.*	Tulip Tree	Queensland	0·771
10,476 A.	Nyoo Tha	East India	0·771
23 A. B.	Samak or Sumach	Do.	0·770
3,950 A.	Kaim	Do.	0·770
4,667 A.	Trosum	Do.	0·770
47 A. B. *Aa.* *Ab.*	Lime	Queensland	0·768
332 A. B. C. D	Hogberry	Jamaica	0·768
10,426 A. B. C.	Kuyon Tenk	East India	0·767
10,226 A.	Sissoo	Do.	0·766
44 A. B.	Black Myrtle	New South Wales (North)	0·765
10,417 A.	Paet-thau	East India	0·763
15 A. B. C. D.	Burr Wood	Liberia	0·760
3,954 A.	Londya	East India	0·759
17 A. B.	Brimstone	Liberia	0·759
10,394 A. B.	Thabychgyin	East India	0·756
2,474 A.	Brombong	Do.	0·756
2,470 A.	Klat Mera	Do.	0·756
93 A. B. *Aa.* *Ab.*	N. O. Sterculiaceæ	Queensland	0·756
26 A. B.	Cherry of the Clarence	New South Wales (North)	0·755
39 A. B. *Aa.* *Ab.*	Sassafras	Queensland	0·755
27 A. B. C.	Native Tamarind	New South Wales (North)	0·754
155 A. B.	Found at Illawarra and Brisbane Water.	Do. do. (South)	0·752
177 A. B. C. D.	Mountain Ash	Do. do. do.	0·750
5 A. B.	Larch	Russia	0·749
206 A.	Bois de fer	Trinidad	0·748
72 A. B. C.		East India	0·747
16 A. B.	Cherry	Liberia	0·746
11 A. B.		Hungary	0·745
19 C. B.	Cedar	Liberia	0·745
33 A. B. *Aa.* *Ab.*	Rosewood	Queensland	0·744
61 A. B. C. D.	Wyagerie Flindosa	New South Wales (North)	0·743
7,072 A.	Klat	East India	0·742
4 A. B.	Gulgi	New South Wales (North)	0·742
14 A. B. C. D. *Aa.* *Ab.* *Ac.* *Ad.*	Gully Tree Fern (13 pieces)	Victoria	0·741
24 A. B. C. D.	Wyagerie or Cugerie Ash, Beech, and Flindosa.	New South Wales (North)	0·740
136 A. B. C. D.	White Maple	Do. (South)	0·737
9,239 A.	Bayang Bada	East India	0·737
10,406 A.	Bengah	Do.	0·736
23 A. B. C. D.	Urra Wymbie	New South Wales (North)	0·735

TABLE I.—*continued.*

No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1·000.
7,619 A. B.	Al Nan	East India	0·733
7,092 A.	Madang Serai	Do.	0·732
7,066 A.	Rungas	Do.	0·731
97 A. B. C. D.	White Gum	Tasmania	0·730
4,661 A.	Iwinrasse	East India	0·729
171 A. B. C. D.	Galba	Trinidad	0·729
3,956 A.	Taman	East India	0·729
180 B. C. D.	Crabtree	Trinidad	0·728
260 A. B.	Almond Tree	Do.	0·727
10,349 A. B.	Dwa Nee	East India	0·726
114 A. B.	Celtis Sp.	Queensland	0·726
10,364 A.	Pimlay Oong	East India	0·722
187 A. B. C. D.	Gommier	Trinidad	0·720
18 A. B. C.	Caraba or Crab Wood	British Guiana	0·719
7,527 A.	Neem	East India	0·716
104 A. B.	Bitter Bark	New South Wales (North)	0·715
17 A. B.	Pobo. Found at Richmond, Lismire.	Do. do. do.	0·715
14 A. B. C. D.	Houbaballi	British Guiana	0·715
10,354 A. B.	Thin Gan	East India	0·715
29 A. B. C.	Hitchia	British Guiana	0·712
30 A. B. A*a*. A*b*.	Beech	Queensland	0·710
5,608 A.	Koozoom	East India	0·709
51 A.	Cargillia Australis	Queensland	0·709
312 A.	Juniper Cedar	Jamaica	0·708
10,409 A.	Htecio	East India	0·706
7,515 A.		Do.	0·705
23 A.	Yaxnic or Yaxniyg	British Honduras	0·702
7,090 A.	Kumpas	East India	0·701
83 A. B. A*a*. A*b*.	Rottlera	Queensland	0·699
7 A. B.	Whismore	Liberia	0·699
5,599 A.	Teak Sagoon	East India	0·695
22 A. B.	Yaxnie	British Honduras	0·695
1 A. B. C. D.		Hungary	0·694
186 A. B.	Mango	Trinidad	0·693
1,214 A.	Doodhee	East India	0·690
10,359 A. B.	Toung-tha-lay	Do.	0·689
86 A. B.	Woodunpar	Do.	0·689
6,548 A.	Nabhay	Do.	0·689
27 A. B. C.		Hungary	0·689
105 A. B.	Light Yellow Wood	New South Wales (North)	0·687
1 A. B.	Bogum Bogum	Do. do. do.	0·684
2,493 A.	Klaydang	East India	0·682
35 A. B. A*a*. A*b*.	Cugerie	Queensland	0·682
127 A.	Tamarind	New South Wales (South)	0·680
17 A. B. C. D.		Hungary	0·680
31 A. B. C.		Victoria	0·680
2,476 A.	Marsawa	East India	0·678
4,658 A.	Putteerees Sagoon	Do.	0·678
7,075 A.	Jermalang	Do.	0·678
10 A. B. C. D.		Hungary	0·678
16 A. B. C. D.	Desert Cypress Pine	Victoria	0·677
10,221 A.	Philibeet	East India	0·675
37 A*a*. A*b*.	Capparis Mitchelli	Queensland	0·675
6,547 A.	Khyong-Yyook	East India	0·675
167 A. B. C.	Cacapoule	Trinidad	0·675
2 A.	Larch	Russia	0·674
93 A. B.	Celtis Opaca	New South Wales (North)	0·674
45 A. B.	Clarence and Richmond Brush	Do. do. do.	0·674
4 A. B. C. D.		Hungary	0·673
201 A. B. C. D. A*a*. A*b*. A*c*. A*d*.	Laurier-blanc	Trinidad	0·673
8 A.		Hungary	0·669
3,948 A.	Siris	East India	0·668
11 A.	Light Yellow Wood	Queensland	0·667
5,604 A.	Gumbaree	East India	0·664
4,659 A.	Doodhea Sagoon	Do.	0·664
6,542 A.	Kokoh	Do.	0·662
6,551 A.	Lein	Do.	0·662
7,524 A.	Kaitha	East India	0·661
120 A.	Teak	New South Wales (South)	0·661
189 A. B. C. D.	Jack Fruit	Jamaica	0·661
284 A. B.	Tecoma Stans	Do.	0·659

TABLE I.—*continued.*

No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1·000.
6 A. B. C. D.	- - - - -	Hungary - - -	0·658
9,238 A. B.	- - - - -	East India - - -	0·657
44 A. B. C. D.	Honeysuckle - - -	Victoria - - -	0·657
4 A. B.	Larch - - - -	Russia - - -	0·656
43 A. B. A*a*. A*b*.	Tamarind Tree - -	Queensland - -	0·656
320 A. B.	Yoke Wood - - -	Jamaica - - -	0·655
10,405 A. B.	Hnau - - - -	East India - - -	0·652
7 A.	- - - - -	Hungary - - -	0·651
10,380 A.	Kokoh - - - -	East India - - -	0·651
6 A. B. C. D.	Riga Oak - - -	Russia - - -	0·650
3,949 A.	Hurdoo - - - -	East India - - -	0·648
5,597 A.	Guringa - - -	Do. - - -	0·641
40 A. B. C. D.	Coast Honeysuckle - -	Victoria - - -	0·640
31 A. B. A*a*. A*b*.	White Cedar - - -	Queensland - -	0·638
12 A. B. C. D.	Honeysuckle - - -	Victoria - - -	0·633
7,665 A. B.	Dhane Eha - - -	East India - - -	0·631
6,544 A.	Poukthennia-my-ek-Kyouk -	Do. - - -	0·630
67 A. B. C.	Sassafras - - -	Tasmania, R. B. - -	0·629
7,517 A.	Toon - - - -	East India - - -	0·623
75 A. B. C.	Mungkudu - - -	Do. - - -	0·623
2,488 A.	Mandang Saraya Batoo -	Do. - - -	0·621
367 A. B.	White Cedar? - - -	Jamaica - - -	0·621
7,674 A.	Tonk Isa - - -	East India - - -	0·622
5,605 A.	Jack "Punsee" - - -	Do. - - -	0·621
25 A. B. C. D.	Urri Burrigundie - -	New South Wales (North)	0·614
125 A. B. C. D.	Maiden's Blush, Ladies' Blush	Do. do. (South)	0·614
10,361 A. B.	Poonyet - - -	East India - - -	0·604
4,657 A.	Seba Sasoon Teak - -	Do. - - -	0·601
140 A. B.	Light Wood, Leather Jacket. Coach Wood.	New South Wales (South)	0·600
5 A. B. A*a*. A*b*.	She Pine - - - -	Queensland - -	0·600
22 A. B. C. D.	Mahogany - - -	Liberia - - -	0·599
10 A. B. A*a*. A*b*.	Red Cedar - - -	Queensland - -	0·599
6,549 A.	Titsein? - - -	East India - - -	0·596
20 A*a*. A*b*. A*c*. A*d*.	Mahogany - - -	Liberia - - -	0·595
28 A. B.	- - - - -	Hungary - - -	0·593
39 A. B. C. D. A*a*. A*b*. A*c*. A*d*.	Spurious Mulberry Tree -	Victoria - - -	0·592
16 A. B. A*a*. A*b*.	Beefwood - - -	Queensland - - -	0·588
A.	Pine (Hunter River) - -	New South Wales - -	0·583
10,435 A.	Tinyooben - - -	East India - - -	0·581
87 A.	Leichhardt's Wood - -	Queensland - - -	0·579
19 A.	Cherry - - - -	New South Wales (North)	0·578
4,670 A.	Bher - - - -	East India - - -	0·574
343 A. B. C.	Capada Wood - - -	Jamaica - - -	0·573
102 A. B. C. D.	Silver Wattle - - -	Tasmania, R.B. - -	0·571
139 A.	White Myrtle, Blue Ash, Ash	New South Wales (South)	0·571
9,240 A.	Brangan - - - -	East India - - -	0·567
68 A.	Pine Brush - - -	New South Wales (North)	0·565
10,419 A.	Thu-Viloot-ma - - -	East India - - -	0·564
92 A. B. A*a*. A*b*. B*a*. B*b*.	Anacardiaceæ - - -	Queensland - -	0·562
22 A. B. C. D.	Woorrodii - - -	New South Wales (North)	0·556
198 A.	Laurel - - - -	Trinidad - - -	0·552
158 A. B. C. D.	Garlick Pear - - -	Do. - - -	0·548
378 A.	Fig Tree (wild) - -	Jamaica - - -	0·547
162 A. B.	Mahoe - - - -	Trinidad - - -	0·546
15 A. B.	- - - - -	Hungary - - -	0·546
10,427 A. B.	Yehmaneh - - -	East India - - -	0·544
10,438 A. B. C.	Nasha - - - -	Do. - - -	0·542
4,672 A.	Khumee - - -	Do. - - -	0·542
1,772 A.	Chump - - - -	Do. - - -	0·540
1,219 A.	Toon - - - -	Do. - - -	0·540
248 A.	Cypre - - - -	Trinidad - - -	0·534
8. B.	Coorong, Cypress Pine -	New South Wales (North)	0·533
10,422 A. B.	Thanat - - - -	East India - - -	0·531
3 A. B. C. D.	- - - - -	Hungary - - -	0·530
324 A. B.	Santa Maria - - -	Jamaica - - -	0·523
1 A. B. A*a*. A*b*.	Bunya Bunya - - -	Queensland - - -	0·513
35 A. B.	Undambie - - -	New South Wales (North)	0·507
7,077 A.	Sittola - - - -	East India - - -	0·507
7,525 A. B.	Auru - - - -	Do. - - -	0·506
1 A. B. C. D.	Riga Fir - - -	Russia - - -	0·503

TABLE I.—*continued.*

No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1·000.
2,490 A.	Niatoo	East India	0·499
9,247 A.	-	Do.	0·498
10,429 A.	Momakha	Do.	0·493
18 A. B.	Aralia Elegans	Queensland	0·483
25 A. B. C. D.	-	Hungary	0·482
15 A. B. C. D.	Moreton Bay Pine	New South Wales (North)	0·482
7,064 A.	Jurai	East India	0·472
10,430 A. B. C.	Toubein	Do.	0·461
10 A. B.	Pasak	British Honduras	0·470
26 A. B.	-	Hungary	0·468
2 A. B. *a*. A*b*.	Moreton Bay Pine	Queensland	0·465
5 A. B. C. D.	-	Hungary	0.460
176. 176/16.	Polai Cedar	New South Wales (South)	0·459
7,522 A.	Arar	East India	0·459
10,430 A. B. C.	Toubein	Do.	0·441
24 A. B.	-	Austria	0·427
22 A. B. C. D.	Pinus Abies	Do.	0·423
21 A. B. C.	Pinus Picea	Do.	0·420
529 A. B. C.	Galla Pear	Jamaica	0·414
7,070 A.	Bakkoh	East India	0·413
20 A. B. C. D.	Pinus Picea	Austria	0·408
14 A.	Flindersia Selwiniana	Queensland	0·407
10,421 A.	Kyoun-douk	East India	0·392
10,366 A. B.	Yimma	Do.	0·385
16 A. B.	-	Hungary	0·364
1,771 A.	Toon	East India	0·305
10,465 A. B.	Dedoaf Tha	Do.	0·260

TABLE I.—*continued.*

SPECIFIC GRAVITIES.

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No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1·000.
20 C.	Cuamara or Touka - -	British Guiana - -	1·208
20 D.	Do. - - - -	Do. - - -	1·148
16 A.	Buresh Bully or Bullet Tree -	Do. - - -	1·065
16 B.	Do. - - - -	Do. - - -	1·053
16 C.	Do. - - - -	Do. - - -	1·089
16 D.	Do. - - - -	Do. - - -	1·039
7 A.	Moraballi or Mocrabali -	Do. - - -	0·836
7 B.	Do. - - - -	Do. - - -	0·863
7 C.	Do. - - - -	Do. - - -	0·810
7 D.	Do. - - - -	Do. - - -	0·830
29 A.	Hitchia - - - -	Do. - - -	0·765
15 B.	Mora - - - -	Do. - - -	0·952
15 C.	Do. - - - -	Do. - - -	1·014
15 D.	Do. - - - -	Do. - - -	0·918
14 A.	Houbaballi - - -	Do. - - -	0·789
14 B.	Do. - - - -	Do. - - -	0·795

TABLE II. -

EXPERIMENTS for ASCERTAINING the

n.	Local Name.	Botanical Name.	Size all 16 in. l by	
	AUSTRIA.		"	
	- - - -	Pinus picea - -	2 by	
	- - - -	Do. - - -	"	
	- - - -	Do. - - -	2 by 1	
	- - - -	Do. - - -	"	
	- - - -	Do. - - -	"	
	- - - -	Do. - - -	2 by 1	
	- - - -	Do. - - -	2 by 2	
	- - - -	Pinus abies - -	"	
	- - - -	Do. - - -	1 1/16 by 1	
	- - - -	Do. - - -	2 by 1	
	- - - -	Do. - - -	"	
	- - -	Do. - - -	2 by 2	
	- - - -	Do. - - -	2 by 1 1/2	
	- - - -	Do. - - -	2 by 2	
	- - - -	Do. - - -	"	
	BRITISH GUIANA.			
	Wadaduri, or Monkey Pot.	Lecythis grandiflora, Aubl.	1 1/16 by 2	
	Do. - -	Do. - - -	2 by 2	
	Do. - -	Do. - - -	"	
	Do. - -	Do. - - -	"	
	Kakaralli - -	Lecythis Ollaria, Lin. -	1 1/16 by 1 1/16	
	Do. - -	Do. - - -	"	
	Moraballi, or Mooraballi.	- - - -	2 by 2	
	Do. - -	- - - - -	1 1/16 by 2	
	Do. - -	- - - - -	2 by 2	
	Do. - -	- - - - -	1 1/16 by 2	
	Houbaballi - -	- - - - -	1 1/16 by 2	
	Do. - -	- - - - -	1 1/16 by 1 1/16	br
	Do. - -	- - - - -	2 by 2	·1
	Do. - -	- - - - -	"	br
	Mora - - -	- - - - -	- -	
	Do. - -	Mora excelsa, Benth. -	1 1/16 by 2	·0
	Do. - -	Do. - - -	1 1/16 by 1 1/16	·0
	Do. - -	Do. - - -	2 by 2	·07
	Burneh, Bully, or Bullet Tree.	Sapota Mulleri, Miq.? -	"	·0
	Do. - -	Do. - - -	"	·04
	Do. - -	Do. - - -	"	·04
	Do. - -	Do. - - -	"	·06
	Caraba, or Crab Wood	Carapa guianensis, Aubl.	"	·08
	Do. - -	Do. - - -	"	·08
	Do. - -	Do. - - -	"	·11
	Cumara, or Tonka -	- - - - -	- -	..
	Do. - -	Dipteryx odorata -	"	·054
	Do. - -	Do. - - -	1 1/16 by 1 1/16	·049
	Do. - -	Do. - - -	2 by 2	·056
	Sipiri, or Greenheart	Nectandra Rodiœi -	"	·047
	Do. - -	Do. - - -	"	·058
	Do. - -	Do. - - -	"	·067
	Do. - -	Do. - - -	"	·044
b.	Do. - -	Do. - - -	"	·050
	Do. - -	Nectandria Rodiœi, Schomb.	1 1/16 by 1 1/16	·055
f.	Do. - -	Do. - - -	"	·062
	Hitchia - -	- - - - -	2 by 2	·097
	Do. - -	- - - - -	"	·130
	Do. - -	- - - - -	"	·157

TABLE II.

EXPERIMENTS for ASCERTAINING the BREAKING WEIGHT

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
	AUSTRIA.		// //				
20 A.	- - - -	Pinus picea - -	2 by $1\frac{13}{16}$	broke	..	..	..
20 B.	- - - -	Do. - - -	„	„	..	..	..
20 C.	- - - -	Do. - - -	2 by 2	„	..	..	..
20 D.	- - - -	Do. - - -	„	„	..	..	..
21 A.	- - - -	Do. - - -	„	„	..	..	..
21 B.	- - - -	Do. - - -	2 by $1\frac{14}{16}$	„	..	..	..
21 C.	- - - -	Do. - - -	2 by 2	„	..	..	..
22 A.	- - - -	Pinus abies - -	„	„	..	..	..
22 B.	- - - -	Do. - - -	$1\frac{15}{16}$ by $1\frac{15}{16}$	„	..	..	..
22 C.	- - - -	Do. - - -	2 by $1\frac{15}{16}$	„	..	..	..
22 D.	- - - -	Do. - - -	„	„	..	..	..
24 A.	- - -	Do. - - -	2 by 2	„	..	..	..
24 B.	- - - -	Do. - - -	2 by $1\frac{13}{16}$	„	..	..	..
24 A*a*.	- - - -	Do. - - -	2 by 2	·117	·17	broke	..
24 A*b*.	- - - -	Do. - - -	„	·109	·188	„	..
	BRITISH GUIANA.						
4 A.	Wadaduri, or Monkey Pot.	Lecythis grandiflora, Aubl.	$1\frac{14}{16}$ by 2	·082	·1_6	·255	broke
4 B.	Do. - -	Do. - - -	2 by 2	·077	·121	·239	„
4 C.	Do. - -	Do. - - -	„	·095	·179	broke	..
4 D.	Do. - -	Do. - - -	„	·095	·175	·434	broke
5 A.	Kakaralli - -	Lecythis Ollaria, Lin. -	$1\frac{15}{16}$ by $1\frac{15}{16}$	·075	·138	broke	..
5 B.	Do. - -	Do. - - -	„	·091	·174	„	..
7 A.	Moraballi, or Mooraballi.	- - - -	2 by 2	·052	·113	„	..
7 B.	Do. - -	- - - - -	$1\frac{15}{16}$ by 2	·110	·168	„	..
7 C.	Do. - -	- - - - -	2 by 2	·074	·122	„	..
7 D.	Do. - -	- - - - -	$1\frac{15}{16}$ by 2	·064	·107	„	..
14 A.	Houbaballi - -	- - - - -	$1\frac{15}{16}$ by 2	·159	broke	..	..
14 B.	Do. - -	- - - - -	$1\frac{15}{16}$ by $1\frac{15}{16}$	broke	..	..	..
14 C.	Do. - -	- - - - -	2 by 2	·131	broke	..	..
14 D.	Do. - -	- - - - -	„	broke	..	..	..
15 A.	Mora - - -	- - - - -	- - -	..	..	..	..
15 B.	Do. - -	Mora excelsa, Benth. -	$1\frac{14}{16}$ by 2	·060	·103	·178	broke
15 C.	Do. - -	Do. - - -	$1\frac{15}{16}$ by $1\frac{15}{16}$	·066	·112	·238	„
15 D.	Do. - -	Do. - - -	2 by 2	·073	·113	·214	„
16 A.	Burneh, Bully, or Bullet Tree.	Sapota Mulleri, Miq.? -	„	·066	·095	·119	·150
16 B.	Do. - -	Do. - - -	„	·043	·064	·090	·125
16 C.	Do. - -	Do. - - -	„	·046	·068	·090	·108
16 D.	Do. - -	Do. - - -	„	·060	·084	·104	·154
18 A.	Caraba, or Crab Wood	Carapa guianensis, Aubl.	„	·081	·151	·269	broke
18 B.	Do. - -	Do. - - -	„	·084	·130	·258	„
18 C.	Do. - -	Do. - - -	„	·118	broke	..	..
20 A.	Cumara, or Tonka -	- - - - -	- - -	..	..	..	..
20 B.	Do. - -	Dipteryx odorata -	„	·054	·072	·096	·123
20 C.	Do. - -	Do. - - -	$1\frac{15}{16}$ by $1\frac{15}{16}$	·049	·067	·088	·114
20 D.	Do. - -	Do. - - -	2 by 2	·056	·074	·095	·119
26 A.	Sipiri, or Greenheart	Nectandra Rodiœi -	„	·047	·066	·083	·107
26 B.	Do. - -	Do. - - -	„	·058	·078	·097	broke
26 C.	Do. - -	Do. - - -	„	·067	·094	·137	„
26 D.	Do. - -	Do. - - -	„	·044	·06	·079	·101
26A*a*. A*b*.	Do. - -	Do. - - -	„	·058	·074	·097	·129
26 A*c*.	Do. - -	Nectandria Rodiœi, Schomb.	$1\frac{15}{16}$ by $1\frac{15}{16}$	·059	·094	·117	·144
26 A*d*.	Do. - -	Do. - - -	„	·065	·089	·112	·143
29 A.	Hitchia - -	- - - - -	2 by 2	·097	·201	broke	..
29 B.	Do. - -	- - - - -	„	·130	·260	„	..
29 C.	Do. - -	- - - - -	„	·157	broke	..	..

TABLE II.

when the WOODS were SUBMITTED to a TRANSVERSE STRAIN.

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	REMARKS.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	784	·58	Tolerably good fracture.
..	..	..	..	..	..	1,036	·76	Fracture not very good.
..	..	..	..	..	..	1,764	·495	Short and sudden fracture.
..	..	..	..	..	..	1,083	·794	Tolerably good fracture.
..	..	..	..	..	..	1,717	·575	Good fracture, rather fibrous.
..	..	..	..	..	..	1,484	·365	Tolerably good fracture.
..	..	..	..	..	..	1,904	·325	Rather short fracture.
..	..	..	..	..	..	1,680	·390	Do. do.
..	..	..	..	..	..	1,680	·391	Do. do.
..	..	..	..	..	..	2,128	·315	Tolerably good fracture, part short, part fibrous, and part not broken.
..	..	..	..	..	..	1,908	·26	Rather short fracture; large shakes in specimen, but did not have any bad effect.
..	..	..	..	..	..	2,240	·406	Brittle, broke near a knot.
..	..	..	..	..	..	2,184	·225	Tolerably good fracture.
..	..	..	..	..	..	4,396	1·000	Good fibrous fracture.
..	..	..	..	..	..	4,480	·434	
..	..	..	..	..	..	5,040	·715	Good fracture, gradual.
..	..	..	..	..	..	4,928	·749	Do. do.
..	..	..	..	..	..	4,340	·438	Tolerably good.
..	..	..	..	..	..	4,480	·672	Do.
..	..	..	..	..	..	4,480	·325	Cleavage in a shake, and slight fracture.
..	..	..	..	..	..	3,360	·328	Short fracture.
..	..	..	..	..	..	4,088	·222	Tolerable fracture.
..	..	..	..	..	..	4,088	·244	Do.
..	..	..	..	..	..	4,648	·210	Cleavage.
..	..	..	..	..	..	3,808	·179	Do.
..	..	..	..	..	..	2,884	·324	Rather short fracture; slight symptoms of dry rot.
..	..	..	..	..	..	2,128	..	Short sudden fracture.
..	..	..	..	..	..	2,632	·284	Rather short fracture.
..	..	..	..	..	..	1,848	·148	Rather short fracture; very slight symptoms of dry rot.
..	..	..	..	..	..	..	..	No experiment.
..	..	..	..	..	..	4,928	·267	Tolerably good fracture.
..	..	..	..	..	..	4,704	·344	Good fracture.
..	..	..	..	..	..	4,732	·332	Do.
·201	·272	broke	..	..	..	8,288	·442	Good fibrous fracture and cleavage.
·188	broke	..	..	..	..	7,224	·230	Cleavage.
·155	·231	broke	..	..	..	8,904	·570	Very good fibrous fracture.
·241	broke	..	..	..	..	7,196	·526	Slight fracture and cleavage.
..	..	..	..	..	..	4,928	·729	Good fracture and cleavage.
..	..	..	..	..	..	4,536	·345	Cleavage and good fracture.
..	..	..	..	..	..	3,192	·276	Good fracture.
..	..	..	..	..	..	..	..	No experiment.
·157	broke	..	..	..	..	7,616	·286	Good fracture.
·148	„	..	..	..	..	7,784	·311	Do.
·156	„	..	..	..	..	7,672	·347	Do.
·137	·18	broke	..	..	..	8,811	·281	Partly a good fracture; fibrous, with cleavage; small shakes.
..	..	..	..	..	..	5,600	·126	Cleavage only in shake.
..	..	..	..	..	..	5,525	·21	Fibrous fracture; shakes in specimen.
·127	·172	broke	..	..	..	8,596	·28	Cleavage only; good specimen.
broke	..	..	..	..	..	6,328	·173	Cleavage in a shake.
·181	·256	„	..	..	..	8,540	·406	
broke	..	..	..	..	..	5,973	·165	Very slight fracture; cleavage.
..	..	..	..	..	..	4,004	·383	Long, good fracture.
..	..	..	..	..	..	3,556	·355	Tolerably good fracture.
..	..	..	..	..	..	3,192	·283	Good fracture, rather sudden.

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection			
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
	BRITISH HONDURAS.						
1 A.	Siricote		2 by 2	·079	·116	·182	broke
1 B.	Do.		„	·120	·224	broke	..
1 C.	Do.		„	·116	·2148	·640	broke
2 A.	Cranadilla		„	·082	·103	·142	·1798
2 B.	Do.		„	·076	·101	·130	·162
3 A.	Chicheur		2 by $1\frac{15}{16}$	·171	broke	..	..
3 B.	Do.		2 by 2	·107	·178	broke	..
3 C.	Do.		„	·098	·146	„	..
3 D.	Do.		2 by $1\frac{7}{8}$	..	..	„	..
4 A.	Canasin		2 by 2	·058	·075	·092	·120
4 B.	Do.		„	·060	·079	·098	·122
6 A.	Chucxax		„	·084	·123	·194	broke
8 A.	Pimento		„	·080	·108	·150	·213s
9 A.	Santa Martia		„	·257	broke	..	..
9 B.	Do.		„	·469	„	..	..
10 A.	Pasak		„	broke	..	..	..
10 B.	Do.		„	„	..	..	..
11 A.	Chucya		„	·088	·130	·201	broke
13 A.	Bullet Wood		„	·068	·093	·118	·166
13 B.	Do.		„	·065	·090	·124	·176
14 A.	Tastab		„	·079	·112	·127	·290
14 B.	Do.		2 by $1\frac{7}{8}$	·086	·123	·186	broke
15 A.	Mabinjuh or Mabinjuj.		2 by 2	·071	·107	·164	·4048
16 A.	Subin or Cubin		„	·087	·138	·242	·623
16 B.	Do.		2 by $1\frac{5}{8}$	·080	·139	·281	broke
17 A.	Sapodilla		2 by 2	086	·120	·196	·370s
18 A.	Kaskat		„	·117	·233	broke	..
21 A.	Caoutchouc		„	·087	·115	·146	·186
21 B.	Do.		„	·082	·112	·141	·175
21 C.	Do.		„	·090	·117	·156	·222
21 D.	Do.		„	·090	·132	·192	·304
22 A.	Yaxnic		„	·178	broke	..	..
22 B.	Do.		„	·223s	„	..	..
23 A.	Yaxnic or Yaxnig		„	·106	·203	broke	..
25 A.	Roble Blanco		„	·102	·160	·294	broke
	CEYLON.						
1 A.	Halmolilli		2 by 2	·086	broke	..	..
2 A.	Iron or Beef Wood		„	·054	·09	·1	·124
3 A.	Taminig		„	·08	·139	·311	broke
4 A.	Satin Wood		„	·1	·136	·188	broke
	EAST INDIA.						
23 A.	Samak or Sumach, or Divi-divi bark.	Cæsalpinia coriaria	2 by 2	·132	broke	..	..
23 B.	Do. Do.	Do.	„	·138	„	..	..
30 A.				..	..	..	..
30 B.				..	..	..	..
30 C.				..	..	..	..
75 A.	Mungkudu	M. umbellata	2 by 2	·243	broke	..	..
75 B.	Do.	Do.	„	broke	..	..	..
75 C.	Mungkudu	Do.	„	·208s	broke	..	..
72 A.				..	..	..	..
72 B.				..	..	..	..
72 C.				..	..	..	..
80 A.				..	..	..	..
80 B.				..	..	..	..
86 A.	Woodunpar		2 by 2	·096	·152	broke	..
86 B.	Do.		„	·112	·173	„	..
104 A.				..	..	..	..
104 B.				..	..	..	..
104 C.				..	..	..	..

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	5,656	1·550	Good fracture; exceedingly tough fibres.
..	..	..	..	..	..	3,976	1·703	Very good fracture; exceedingly tough stringy fibres.
..	..	..	..	..	..	5,152	2·775	Exceedingly tough wooly fibres.
·240	·330	broke	..	..	..	8,008	·400	Long fibrous fracture.
·214	·290s	„	..	..	..	7,980	·364	Cleavage; fibres parted.
..	..	..	..	..	..	2,744	·245	Short and sudden fracture.
..	..	..	..	..	..	4,256	·270	Do. do.
..	..	..	..	..	..	4,004	·220	Sudden fracture.
..	..	..	..	..	..	4,200	·438	Fracture and cleavage.
·146	·188	·269	broke	..	..	9,856	·390	Cleavage only.
·151	·190	·246	„	..	..	9,800	·360	Cleavage at both ends.
..	..	..	..	..	..	5,516	·605	Long fibrous fracture.
broke	..	..	..	..	..	6,440	·360	Fibrous fracture, inclined to be short.
..	..	..	..	..	..	2,968	·643	Not very good fracture.
..	..	..	..	..	..	3,360	·800	Good fracture.
..	..	..	..	..	..	1,792	·230	Rather short fracture.
..	..	..	..	..	..	1,829	·351	Good fracture.
..	..	..	..	..	..	5,348	·500	Good fibrous fracture.
broke	..	..	..	..	..	5,600	·200	Cleavage only.
·262	broke	..	..	..	..	7,224	·458	Long fibrous fracture.
broke	..	..	..	..	..	5,600	·346	Good fracture.
..	..	..	..	..	..	5,320	·304	Short and sudden fracture.
broke	..	..	..	..	..	5,712	·720	Very good fibrous fracture.
„	..	..	..	..	..	5,600	·640	Short fibrous fracture.
..	..	..	..	..	..	5,068	1·629	Fibrous fracture.
broke	..	..	..	..	..	6,384	1·150	Cleavage; fibres parted.
..	..	..	..	..	..	6,608	1·650	Cleavage; very good fibrous fracture.
·242	broke	..	..	..	..	7,504	·421	Short fibrous fracture.
·216	·277	broke	..	..	..	8,904	·470	Fibres slightly parted, and cleavage.
broke	..	..	..	..	..	6,552	·450	Cleavage; fibresparted; specimen shaky.
broke	..	..	..	..	..	5,936	·416	Cleavage only; specimen shaky.
..	..	..	..	..	..	3,164	·560	Short fibrous fracture.
..	..	..	..	..	..	2,352	·295	Short fracture; knotty specimen.
..	..	..	..	..	..	3,752	·456	Good short fracture.
..	..	..	..	..	..	5,780	·920	Very good fibrous fracture.
..	..	..	..	..	..	3,360	·15	Quite short and sudden fracture.
·157	broke	..	..	..	..	7,616	·214	Rather short and sudden fracture.
..	..	..	..	..	..	4,844	·7	Good fracture.
..	..	..	..	..	..	5,096	·305	Tolerably good fracture.
..	..	..	..	..	..	3,080	·270	
..	..	..	..	..	..	3,360	·231	
..	..	..	..	..	..	..	..	No experiments.
..	..	..	..	..	..	..	..	
..	..	..	..	..	..	..	..	
..	..	..	..	..	..	2,240	·300	Very short fracture.
..	..	..	..	..	..	2,016	·380	Rather good, but not very fibrous fracture.
..	..	..	..	..	..	2,296	·290	Short fracture.
..	..	..	..	..	..	..	..	No experiments.
..	..	..	..	..	..	..	..	
..	..	..	..	..	..	..	..	
..	..	..	..	..	..	..	..	No experiments.
..	..	..	..	..	..	..	..	
..	..	..	..	..	..	4,200	·258	Very short fracture.
..	..	..	..	..	..	3,920	·237	Short fracture; specimen rather knotty.
..	..	..	..	..	..	..	..	No experiments.
..	..	..	..	..	..	..	..	
..	..	..	..	..	..	..	..	

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
	EAST INDIA.		" "				
140 A.	Sandal Wood	Santalum album	2 by 2	·077	·103	·135	·179
140 B.	- - -	- - - -	"	·069	·091	·115	·150
144 A.	Bengha	- - - -	"	·086	·134	broke	..
145 A.	Bou	- - - -	- -	·090	·120	·199	broke
147 A.	Terruvah	- - - -	- -	·070	·100	·133	·176
185 A.	Blackwood	Dalbergia frondosa	- -	·086	·117	·153	broke
1,214 A.	Doodhee	Asclepias rosea	1¼ by 2	·159	broke	..	..
1,215 A.	Karee	Uvaria	2 by 2	·142	·241	"	..
1,219 A.	Toon	Cedrela Toona	"	·157	broke	..	..
1,220 A.	Unjun	Hardwickia binata	"	·116	·157	·216	broke
1,220 B.	Do.	Do.	"	·110	·154	·226	"
1,771 A.	Toon	Cedrela Toona	"	broke	..	..	..
1,772 A.	Chump	Magnolia	"	·148	broke	..	..
2,345 A.	Tenasserim Mahogany.	- - - -	"	·071	·094	·123	·166
2,462 A.	Balou	- - - -	"	·061	·081	·108	·146
2,462 B.	Do.	- - - -	"	·064	·083	·109	·143
2,465 A.	Marabow	- - - -	"	·075	·104	broke	..
2,468 A.	Pannaga	- - - -	"	·045	·068	·079	·094
2,470 A.	Kiat Mera	- - - -	"	·076	·133	broke	..
2,471 A.	Kasso	- - - -	"	·048	·063	·079	·102
2,474 A.	Brombong	- - - -	"	·078	·109	·156	broke
2,476 A.	Marsawa	- - - -	"	·123	·363	broke	..
2,488 A.	Madang Saraya Batoo.	- - - -	"	·111	·284	"	..
2,490 A.	Niatoo	- - - -	"	·237	broke	..	..
2,493 A.	Klaydang	- - - -	"	·074	·119	·186	broke
3,948 A.	Siris	Acacia Sirisa	"	·138	broke	..	..
3,949 A.	Hurdoo	Nauclea cordifolia	"	·117	"	..	..
3,950 A.	Kaim	N. parvifolia	"	·150	"	..	..
3,951 A.	Pindra	Nauclea orientalis	2 by 1⅛	·148	·242	broke	..
3,952 A.	Jymungul	- - - -	2 by 2	·091	·132	·212	broke
3,953 A.	Rohnee	Acacia leucoploca ?	1⅛ by 1⅛	·143	·203	·330	"
3,954 A.	Londya	- - - -	2 by 2	·142	·272	broke	..
3,955 A.	Kardahee	Conocarpus mystifolium	"	·117	·189	"	..
3,956 A.	Taman	Eugenia jambolana	"	·111	·175	"	..
3,957 A.	Tine or Sisso	Dalbergia Sissoo	"	·118	·181	"	..
3,961 A.	Mowah	Bassia longifolia	"	·097	·145	·256	broke
4,657 A.	Seba Sagoon Teak	Tectona grandis	"	·125	broke	..	..
4,658 A.	Putteereea Sagoon	Do.	"	·074	·153	broke	..
4,659 A.	Doodheea Sagoon	Do.	"	·100	·179	"	..
4,660 A.	Surreye	Shorea robusta	"	·088	·125	·205	broke
4,661 A.	Jiomrassee	- - - -	"	·082	·131	broke	..
4,662 A.	Dhengun	Cordia macleodia	1⅛ by 1⅛	·089	·139	·240	broke
4,663 A.	Saj	Terminalia arguna	2 by 2	·191	broke	..	..
4,664 A.	Beejah	Pterocarpus, sp.	"	·085	·117	·166	broke
4,665 A.	Kowah	Terminalia arguna	"	·103	·179	·347	broke
4,666 A.	Ghattoo	Zizyphus zylopyxa, or glabra.	"	·094	broke	..	..
4,667 A.	Trosum	- - - -	"	·145	·220	broke	..
4,668 A.	Dhowrah	Conocarpus latifolius	"	·073	·097	·142	·218
4,670 A.	Bher	Zizyphus jujaba	"	·216	broke	..	..
4,671 A.	Bauhul	Acacia arabica	"	·074	·166	·156	·232
4,672 A.	Khumee	- - - -	"	·182	broke	..	..
4,754 A.	Ironwood	Inga xylocarpa	"	·053	·074	·094	·116
4,754 B.	Do.	Do.	"	·057	·072	·095	·118
5,597 A.	Guringa	- - - -	"	·116	·187	broke	..
5,598 A.	Sâl	Shorea robusta	"	·064	·090	·118	·173
5,599 A.	Teak 'Sagoon'	Tectona grandis	"	·116	·195	broke	..
5,600 A.	Sissoo, black	Dalbergia Sissoo	"	·068	·096	·123	·151
5,601 A.	Burdur	- - - -	"	·074	·106	·166	·266
5,602 A.	Abloos or Kândoo	Diospyros melanoxylon	"	·088	·133	·199	·304
5,603 A.	Assân	Terminalia tomentosa	"	·228	·548	broke	..
5,604 A.	Gumbaree	- - - -	"	·134	.245	"	..
5,605 A.	Jack 'Punsee'	Artocarpus integrifolia	"	broke	..	..	..
5,606 A.	Red Sissoo	Dalbergia Sissoo	"	·076	·106	·152	·284
5,607 A.	Peasal	Buchanania latifolia	"	·085	·169	·195	broke

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
broke	..	..	..	..	..	6,440	·244	Good but not fibrous fracture.
·204	broke	..	..	..	..	7,616	·290	Short sudden fracture.
..	..	..	..	..	..	4,396	·352	Good, but not very fibrous fracture.
..	..	..	..	..	..	4,732	·282	Long fracture, not fibrous, and slight cleavage.
broke	..	..	..	..	..	6,608	·300	Good, but not very fibrous fracture.
..	..	..	..	..	..	5,600	·202	Cleavage only.
..	..	..	..	..	..	2,800	·260	
..	..	..	..	..	..	3,360	·355	Good, but not fibrous fracture.
..	..	..	..	..	..	3,080	·340	Good, but rather short fracture.
..	..	..	..	..	..	5,376	·314	Rather short fracture.
..	..	..	..	..	..	5,404	·350	Do.
..	..	..	..	..	..	1,157	·229	Short and sudden fracture.
..	..	..	..	..	..	3,360	·350	Very short and sudden fracture.
·227	broke	..	..	..	..	7,616	·520	Very good fibrous fracture, and slight cleavage.
·218	„	..	..	..	..	7,504	·382	Outside fibres only parted a little, and cleavage.
·187	„	..	..	..	..	7,896	·290	Do. do.
..	..	..	..	..	..	4,396	·230	Good fracture.
·115	·140	broke	..	..	..	8,960	·172	Cleavage.
..	..	..	..	..	..	4,480	·435	Very good fracture; not very fibrous.
·133	·173	broke	..	..	..	8,848	·250	Cleavage.
..	..	..	..	..	..	5,096	·230	Short fracture.
..	..	..	..	..	..	3,416	·430	
..	..	..	..	..	..	3,528	·500	
..	..	..	..	..	..	2,464	·332	
..	..	..	..	..	..	4,536	·230	Good, but not very fibrous fracture, and cleavage.
..	..	..	..	..	..	3,248	·290	
..	..	..	..	..	..	3,136	·160	Short fracture; knot in specimen.
..	..	..	..	..	..	2,800	·278	Good, but not a fibrous fracture.
..	..	..	..	..	..	4,424	1·033	Deflection ·5 before fracture started.
..	..	..	..	..	..	5,264	·310	Good long fracture.
..	..	..	..	..	..	5,012	·410	Rather short fracture.
..	..	..	..	..	..	3,752	·450	Slight fibrous fracture, and cleavage.
..	..	..	..	..	..	4,424	·800	Fracture at small knot in specimen.
..	..	..	..	..	..	3,640	·215	Short fracture.
..	..	..	..	..	..	3,780	·400	Good, but not fibrous, fracture.
..	..	..	..	..	..	4,704	·353	Short fracture.
..	..	..	..	..	..	3,192	·185	Broke through very short.
..	..	..	..	..	..	3,976	·430	
..	..	..	..	..	..	3,864	·303	
..	..	..	..	..	..	4,984	·410	Fibrous fracture, and cleavage.
..	..	..	..	..	..	4,088	·200	
..	..	..	..	..	..	5,096	·380	Good fracture.
..	..	..	..	..	..	2,912	1·029	Slow fracture; not very fibrous.
..	..	..	..	..	..	5,376	·260	Short fracture; not very fibrous.
..	..	..	..	..	..	4,928	·634	Fibrous fracture; showed considerable compression.
..	..	..	..	..	..	2,464	·150	Not fibrous fracture; specimen shaken and worm-eaten.
..	..	..	..	..	..	3,808	·383	Good fracture.
broke	..	..	..	..	..	6,440	·572	Rather short fibrous fracture.
..	..	..	..	..	..	2,576	·274	
broke	..	..	..	..	..	5,992	·469	
..	..	..	..	..	..	2,856	·411	
·142	·185	·2408	broke	..	..	9,632	·404	Very good fracture, and little cleavage.
·151	·1938	broke	..	..	..	8,876	·390	Very good fracture.
..	..	..	..	..	..	3,416	·240	Rather short diagonal fracture.
·338	broke	..	..	..	..	6,720	·400	Cleavage.
..	..	..	..	..	..	4,032	·258	
·238	broke	..	..	..	..	7,728	·400	Good tough fracture.
broke	..	..	..	..	..	5,712	·317	Good fracture.
„	..	..	..	..	..	6,048	·680	Good fracture; not very fibrous.
..	..	..	..	..	..	3,976	1·276	Very tough.
..	..	..	..	..	..	3,584	·479	
..	..	..	..	..	..	1,848	·168	
broke	..	..	..	..	..	6,216	·540	Small fractures.
..	..	..	..	..	..	5,600	·236	

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
	EAST INDIA.		" "				
5,608 A.	Koozoom	- - - - -	2 by 2	·097	·158	broke	..
5,609 A.	Keehar	- - - - -	"	·070	·102	·154	broke
5,610 A.	Koozoom	- - - - -	"	·100	·141	·200	·322
6,542 A.	Kokoh	Albizzia, sp.	"	·079	·124	·227	broke
6,544 A.	Pouktheuma-my-ek-kyouk.	Leguminosa	"	broke	..	..	..
6,545 A.	Tounkatseet	Do.	"	·168	broke	..	..
6,547 A.	Khyong-yook	Garuga pinnata, Roxb.	"	·110	·168s	broke	..
6,548 A.	Nabhay	Odina Wodier	"	·085	·164	"	..
6,549 A.	Titseim	Terminalia Bellerica Roxb.	"	·181	broke	..	..
6,550 A.	Paugah	Terminalia Chebula, Retz.	"	·086	·145	·259s	broke
6,551 A.	Lein.	Terminalia bialata, Roxb.	"	·107	broke	..	..
7,064 A.	Jurai	- - - - -	$1\frac{14}{16}$ by $1\frac{3}{4}$	broke	..	..	..
7,065 A.	Gaham Bada	- - - - -	$1\frac{15}{16}$ by $1\frac{15}{16}$	·113	·178	·303	·813s
7,066 A.	Rungas	- - - - -	2 by $1\frac{8}{9}$	·111	·172	broke	..
7,067 A.	Bia-babi	- - - - -	$1\frac{15}{16}$ by $1\frac{15}{16}$	·065	·100	·157	·260
7,070 A.	Bahkoh	- - - - -	2 by 2	broke	..	..	..
7,071 A.	Murbow	- - - - -	"	·063	.096	·198s	broke
7,072 A.	Klat	- - - - -	2 by $1\frac{7}{8}$	·092	·169	broke	..
7,075 A.	Jermalang	- - - - -	2 by 2	·127	·218s	"	..
7,077 A.	Sittola	- - - - -	$1\frac{15}{16}$ by $1\frac{15}{16}$	·176	broke	..	..
7,086 A.	Dammer-laut	- - - - -	2 by 2	·069	·091	·135	·235
7,089 A.	Bintaling	- - - - -	"	·066	·091 s	·140	broke
7,090 A.	Kumpas	- - - - -	"	·064	·110	·261	"
7,092 A.	Madang-Serai	- - - - -	$1\frac{7}{8}$ by $1\frac{7}{8}$	·086	·154	broke	..
7,093 A.	Gading-gading	- - - - -	2 by 2	·070	·090	·113	·148
7,234 A.	- - - - -	- - - - -	- -	..	..	..	..
7,234 B.	- - - - -	- - - - -	- -	..	..	..	..
7,514 A.	Sakhoo	Shorea robusta	"	·100	·148	broke	..
7,514 B.	Do.	Do.	$1\frac{14}{16}$ by $1\frac{15}{16}$	·091	·138	broke	..
7,515 A.	- - - - -	- - - - -	- -	..	..	..	..
7,517 A.	Toon	Cedrela Toona	2 by 2	·130	·288	broke	..
7,520 A.	- - - - -	- - - - -	- -	..	..	..	..
7,522 A.	Arar	Ailanthus excelsa	"	broke	..	..	..
7,524 A.	Kaitha	Feronia elephantum	"	·152	broke	..	..
7,525 A.	Aum	Mangifera indica	"	broke	..	..	..
7,527 A.	Neem	Melia azedirachta	"	·156s	broke	..	..
7,529 A.	Asna or Asan	Terminalia tomentosa	"	·085	·142	·262	broke
7,531 A.	- - - - -	- - - - -	- -	..	..	..	..
7,618 A.	Thin Gan	Hopea odorata	"	.130	·335	broke	..
7,618 B.	Do.	Do.	"	·129	·239	"	..
7,619 A.	Ah Nau	Xylocarpus granatum	"	·143	broke	..	..
7,619 B.	Do.	Do.	"	·195	"	..	..
7,622 A.	Oak An	- - - - -	"	·093	·135	·225	broke
7,622 B.	Do.	- - - - -	"	·081	·117	·178	"
7,622 C.	Do.	- - - - -	"	·117	broke	..	..
7,622 D.	Do.	- - - - -	"	.090	·131	·218	broke
7,629 A.	Bom Mai Za	Inga, sp.	"	·112	·218s	broke	..
7,629 B.	Do.	- - - - -	"	·065	·088	·110	·150
7,665 A.	Dhane Eha	Moringa pterygosperma	"	·157	broke	..	..
7,665 B.	Do.	Do.	"	·196	"	..	..
7,674 A.	Tonk Tsa	Vitex arborea	"	·136	"	..	..
7,674 B.	Do.	Do.	"	·172	"	..	..
7,677 A.	Tseek Tha	Acacia sirissa	"	·116	·199	broke	..
7,677 B.	Do.	Do.	"	·133	broke	..	..
9,238 A.	- - -	- - - - -	- -	..	..	..	..
9,239 A.	Bayang Bada	- - - - -	$1\frac{15}{16}$ by $1\frac{15}{16}$	·133	broke	..	..

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	4,256	·369	Not a very fibrous fracture.
..	..	..	..	..	..	5,432	·262	Good, but not fibrous, fracture.
broke	..	..	..	..	..	5,824	·610	Very fibrous fracture.
..	..	..	..	..	..	4,760	·310	Good fracture; threw out a splinter.
..	..	..	..	..	..	1,904	1·350	
..	..	..	..	..	..	2,800	·280	Short fracture.
..	..	..	..	..	..	3,948	·300	Good fracture.
..	..	..	..	..	..	4,312	·450	Do.
..	..	..	..	..	..	2,352	·485	Good, but not very fibrous, fracture.
..	..	..	..	..	..	4,480	·320	Good, but not fibrous, fracture.
..	..	..	..	..	..	3,192	·189	Very short fracture.
..	..	..	..	..	..	1,979	·358	Good, but rather short, fracture; symptoms of dry rot in specimen.
broke	..	..	..	..	..	5,600	1·126	First-rate fracture.
..			..	..	..	3,976	·250	Rather short fracture.
broke	..	..	..	..	..	5,852	·306	Good fracture.
..	..	..	..	..	..	1,512	·235	Sudden fracture; a few worm-holes in specimen.
..	..	..	..	..	..	5,012	·300	Short and sudden fracture; flaw in specimen.
..	..	..	..	..	..	4,256	·426	Fibrous fracture.
..	..	..	..	..	..	4,312	·734	Good tough fracture.
..	..	..	..	..	..	2,912	·410	Short and sudden fracture.
broke	..	..	..	..	..	6,020	·330	Good, long fracture.
..	..	..	..	..	..	5,376	·218	Cleavage, and fibres parted.
..	..	..	..	..	..	4,564	·360	Slight, good fracture, and cleavage.
..	..	..	..	..	..	4,172	·422	Good fibrous fracture.
·216	broke	..	..	..	..	7,700	·402	Good fibrous fracture.
..	..	..	..	..	..	..	..	No experiment.
..	..	..	..	..	..	..	..	
..	..	..	..	..	..	4,424	·360	Long but not fibrous fracture.
..	..	..	..	..	..	4,256	·204	Long, diagonal fracture.
..	..	..	..	..	..	..	..	No experiment.
..	..	..	..	..	..	3,584	·570	Good fracture.
..	..	..	..	..	..	..	..	No experiment.
..	..	..	..	..	..	1,456	·170	Very short and sudden fracture.
..	..	..	..	..	..	2,296	·210	Diagonal cleavage only.
..	..	..	..	..	..	2,128	·245	Brittle; very short and sudden fracture.
..	..	..	..	..	..	2,520	·183	Started at one ton. Symptoms of dry rot.
..	..	..	..	..	..	4,760	·315	Quite short fracture.
..	..	..	..	..	..	..	..	No experiments.
..	..	..	..	..	..	3,528	·584	Very elastic, good fracture.
..	..	..	..	..	..	3,668	·400	Short fracture.
..	..	..	..	..	..	2,800	·580	Good fracture; fibres parted to the end.
..	..	..	..	..	..	2,856	·516	Good fracture.
..	..	..	..	..	..	4,480	·569	Very good fracture, sudden at last.
..	..	..	..	..	..	5,096	·345	Good long fracture, diagonal, sudden at last.
..	..	..	..	..	..	2,856	·366	Defective specimen.
..	..	..	..	..	..	4,844	·282	Very good fracture.
..	..	..	..	..	..	3,472	·445	Part short and part fibrous fracture, and cleavage.
·198	broke	..	..	..	..	7,728	·316	Fibres parted a very little, and cleavage.
..	..	..	..	..	..	2,800	·192	Not a fibrous fracture.
..	..	..	..	..	..	2,968	·550	Do. do.
..	..	..	..	..	..	3,136	·503	
..	..	..	..	..	..	2,912	·790	
..	..	..	..	..	..	3,360	·920	Good tough fracture.
..	..	..	..	..	..	2,744	·325	Not fibrous, and rather diagonal fracture.
..	..	..	..	..	..	..	..	No experiment.
..	..	..	..	..	..	3,192	·382	Cleavage, and fibres parted. Specimen worm-eaten.

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
	EAST INDIA.		" "				
9,240 A.	Brangau	- - - - -	2 by 2	·123	·333	broke	..
9,247 A.	- - - -	- - - - -	- -	..	..	..	..
10,221 A.	Philibeet - -	Nauclea cordifolia -	"	·100	·175	"	..
10,225 A.	Saul - -	Shorea robusta - -	"	·085	·153	"	..
10,226 A.	Sissoo - -	Dalbergia Sissoo - -	"	·078	·117	·189	broke
10,348 A.	Petwoon - -	Berrya mollis, Wall. -	"	·075	·106	·144	·202
10,348 B.	Do. - -	Do. - - -	"	·016	·095	·137	·211
10,349 A.	Dwa-Nee - -	Eriolœna, sp. - -	"	·094	·150	·2248	broke
10,349 B.	Do. - -	Do. - - -	"	·096	·137	·195	"
10,352 A.	Eng - -	Dipterocarpus grandiflora, Wall.	"	·069	·099	·142	·218
10,352 B.	Do. - -	Do. - - -	"	·069	·096	·127	·175
10,354 A.	Thingan - -	Hopea odorata, Roxb. -	"	·076	·126	broke	"
10,354 B.	Do. - -	Do. - - -	"	·083	·144	"	..
10,355 A.	Thingadoe - -	Hopea, sp. - -	"	·080	·138	·294	broke
10,355 B.	Do. - -	Do. - - -	"	·092	·148	·315	"
10,356 A.	Engyin - -	Hopea suava - -	"	·080	·124	·223	"
10,356 B.	- - - -	- - - -	"	·080	·121	·198	"
10,357 A.	Theya - -	Shorea obtusa, Wall. -	"	·067	·088	·120	·163
10,358 A.	Gangan - -	Mesua ferrea - -	"	·069	·080	·105	·136
10,358 B.	Do. - -	Do. - - -	"	·042	·062	·085	·113
10,359 A.	Toung-tha-lay -	Garcinia Cowa, Roxb. -	"	·066	·102	·232	broke
10,359 B.	Do. - -	Do. - - -	"	·084	·139	broke	..
10,361 A.	Poonyet - -	Calophyllum, sp. -	"	·122	·273	"	..
10,361 B.	Do. - -	Do. - - -	"	·134	·342	"	..
10,362 A.	Gyo - -	Schleichera trijuga, Wylld.	"	·130	broke	..	..
10,362 B.	Do. - -	Do. - - -	"	·102	·1938	broke	..
10,364 A.	Pinlay-oong - -	Xylocarpus granatum, Kolu.	"	·100	·158	"	..
10,366 A.	Yimma - -	Chickrassia tabularis, Juss.	"	broke	..	..	..
10,366 B.	Do. - -	Do. - - -	"	broke	..	..	..
10,367 A.	Boomayza - -	Albizzia stipulata, Boir.	"	·038	·091	·127	·171
10,367 B.	Do. - -	Do. - - -	"	·064	·093	·133	·205
10,373 A.	Gnoo-shwoay -	Cathartocarpus fistula -	$1\frac{1}{16}$ by $1\frac{1}{16}$	·057	·076	·098	·122
10,375 A.	May-za-lee - -	Cassia florida - -	2 by 2	·100	·160	broke	..
10,375 B.	Do. - -	Do. - - -	"	·084	·128	broke	..
10,376 A.	Yin-dike - -	Dalbergia, sp. - -	"	·074	·106	·148	·211
10,379 A.	Padouk - -	Pterocarpus dalbergioides.	"	·046	·065	·087	·120
10,379 B.	Do. - -	Do. - - -	"	·040	·060	·083	·109
10,380 A.	Kokoh - -	Albizzia, sp. - -	"	·089	·164	broke	..
10,382 A.	Pouk-thenmamyek-kyouk.	Leguminosæ - -	"	·066	·104	·162	broke
10,384 A.	Thitsee - -	Melanorhœa usitatissima, Wall.	"	·083	·124	·188	broke
10,386 A.	Nabhay - -	Odina Wodier - -	"	·095	·151	broke	..
10,388 A.	Pangah - -	Terminalia chebula, Retz.	"	·068	·095	·139	·207
10,388 B.	- - - -	- - - - -	"	·066	·089	·124	·181
10,390 A.	Htoukgyan - -	Terminalia macrocarpa	"	·055	·078	·130	·181
10,390 B.	Do. - -	Do. - - -	"	·056	·082	·121	·193
10,393 A.	Bambouay - -	Careya arborea, Roxb. -	"	·071	·116	·185	broke
10,393 B.	Do. - -	Do. - - -	"	·105	·182	broke	..
10,394 A.	Thabyehgjo - -	Eugenia obtusifolia -	"	·071	·140	broke	..
10,394 B.	Do. - -	Do. - - -	"	·070	·138	broke	..
10,397 A.	Thabyehgah - -	Eugenia caryophyllæfolia, Roxb.	"	·074	·103	·154	·255
10,399 A.	Laizah - -	Lagerstroemia pubescens, Wall.	"	·075	·133	·148	broke
10,399 B.	Do. - -	Do. - - -	"	·078	·130	·214	broke
10 405 A.	Hnan - -	Nauclea cordifolia, Roxb.	"	·105	·158	broke	..
10,405 B.	Do. - -	Do. - - -	"	·106	·170	broke	..
10,406 A.	Bingah - -	Naucleadiversifolia, Wall.	"	·088	·131	·206	broke
10,406 B.	Do. - -	Do. - - -	"	·080	·114	·172	·314

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	3,584	·390	Good fracture, and part cleavage,
..	..	..	..	..	..	..	..	No experiments.
..	..	..	..	..	..	3,640	·240	
..	..	..	..	..	..	3,864	·200	
..	..	..	..	..	..	5,376	·420	Good fracture.
broke	..	..	..	..	..	6,440	·300	Very short fracture.
„	..	..	..	..	..	6,328	·316	Do.
..	..	..	..	..	..	4,844	·400	Good fracture.
..	..	..	..	..	..	5,180	·300	Short sudden fracture.
broke	..	..	..	..	..	5,992	·310	Cleavage only.
·196s	broke	..	..	..	..	6,944	·375	Good fracture.
..	..	..	..	..	..	4,144	·260	Rather good fracture; a little worm-eaten.
..	..	..	..	..	..	4,256	·306	Good fracture.
..	..	..	..	..	..	4,816	·541	Cleavage only.
..	..	..	..	..	..	4,676	·814	Very good fracture of fibres, and cleavage.
..	..	..	..	..	..	4,872	·438	Rather long, good fracture.
..	..	..	..	..	..	5,572	·400	Very good, fibrous fracture. Sap in specimen.
broke	..	..	..	..	..	6,664	·280	Slight fibrous, and cleavage.
·180	broke	..	..	..	..	7,784	·310	Good fracture.
·152	·213	broke	..	..	..	8,680	·370	Do.
..	..	..	..	..	..	4,592	·340	Good, but not fibrous fracture.
..	..	..	..	..	..	4,284	·245	Good fracture.
..	..	..	..	..	..	3,640	·384	Do.
..	..	..	..	..	..	3,360	·376	Do.
..	..	..	..	..	..	3,024	·460	Broke at a knot.
..	..	..	..	..	..	3,696	·300	Long, but not fibrous fracture.
..	..	..	..	..	..	3,920	·230	Short, showing but little fracture.
..	..	..	..	..	..	2,128	·336	Good fracture.
..	..	..	..	..	..	1,829	·336	Rather good fracture.
·269s	broke	..	..	..	..	7,224	·380	Long fracture, not fibrous.
broke	..	..	..	..	..	6,636	·450	Good fracture.
·158	broke	..	..	..	..	7,056	·250	Good, but not very fibrous fracture.
..	..	..	..	..	..	4,004	·210	Diagonal fracture, not fibrous.
..	..	..	..	..	..	4,088	·170	Do. do.
·367s	broke	..	..	..	..	6,776	·425	Good but rather short fracture.
·172	broke	..	..	..	..	7,168	·247	Good fracture.
·147	broke	..	..	..	..	7,728	·213	Rather short fracture.
..	..	..	..	..	..	4,144	·470	
..	..	..	..	..	..	5,040	·297	Quite short fracture.
..	..	..	..	..	..	4,760	·250	Good fracture.
..	..	..	..	..	..	4,312	·436	
broke	..	..	..	..	..	6,440	·390	Good fracture.
broke	..	..	..	..	..	6,496	·334	Very good fracture.
broke	..	..	..	..	..	6,384	·350	Fibres parted slightly, and cleavage.
broke	..	..	..	..	..	6,328	·310	Do. do.
..	..	..	..	..	..	5,012	·302	Not a fibrous fracture.
..	..	..	..	..	..	4,284	·560	Fracture inclined to be short; not fibrous.
..	..	..	..	..	..	4,032	·250	Rather short fracture.
..	..	..	..	..	..	3,640	·170	Rather short, not fibrous fracture.
broke	..	..	..	..	..	5,880	·410	Fibrous fracture.
..	..	..	..	..	..	4,853	·406	Rather short fracture.
..	..	..	..	..	..	5,040	·540	Fracture half short and half splintered.
..	..	..	..	..	..	4,200	·282	Rather short fracture.
..	..	..	..	..	..	3,920	·290	Fracture long, not fibrous.
..	..	..	..	..	..	5,264	·636	Very good tough fracture.
broke	..	..	..	..	..	6,160	·716	Very good fracture.

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
	EAST INDIA.		// //				
10,409 A.	Htein	Nauclea parviflora, Roxb.	2 by 2	·073	broke	..	..
10,409 B.	Do.	Do.	,,	·076	·132	broke	..
10,410 A.	Hteingalah	Nauclea, sp.	,,	·051	·076	·105	·144
10,410 B.	Do.	Do.	,,	·064	·096	broke	..
10,415 A.	Khaboung	Strychnos nux vomica	,,	·257	broke	..	..
10,416 A.	Toung-za-lat	Wrightia, sp.	,,	·014	·100	·215	broke
10,416 B.	Do.	Do.	,,	·060	·120	·263	broke
10,417 A.	Pact-than	Spathodea stipulata, Wall.	,,	·102	·162	·277	broke
10,419 A.	Tha-khoot-ma	Spathodea Rheedii, Spreng.	,,	·188	broke	..	..
10,419 B.	Do.	Do.	,,	·178	broke	..	..
10,420 A.	Than-day	Bignonia, sp.	,,	·075	·116	·198	broke
10,420 B.	Do.	Do.	,,	·082	·124	·208	broke
10,421 A.	Kyoun-douk	-	,,	broke	..	..	..
10,422 A.	Thanat	Cordia myxa	,,	·575	broke	..	..
10,422 B.	Do.	Do.	,,	broke	..	..	..
10,426 A.	Kuyon Teak	Tectona grandis	,,	·113	·240	broke	..
10,426 B.	Do.	Do.	,,	·096	·204	broke	..
10,426 C.	Do.	Do.	,,	·149	broke	..	..
10,427 A.	Yemaneh	Gmelina arborea, Roxb.	,,	broke	..	..	..
10,427 B.	Do.	Do.	,,	·163	broke	..	..
10,429 A.	Momakha	Salix tetrasperma, Roxb.	,,	broke	..	..	..
10,430 A.	Tounbein	Artocarpus mollis, Wall.	,,	·179	broke	..	..
10,430 B.	Do.	Do.	,,	·202	broke	..	..
10,430 C.	Do.	Do.	,,	·131	broke	..	..
10,434 A.	Theetmin	Podocarpus neriifolia	,,	·089	·123	·200	broke
10,435 A.	Tinyooben	Pinus Massoniana, Lamb.	,,	·149	broke	..	..
10,435 B.	Do.	Do.	,,	broke	..	..	..
10,438 A.	Nasha	Phyllanthus, sp.	,,	broke	..	..	..
10,438 B.	Do.	Do.	,,	·164	broke	..	..
10,438 C.	Do.	Do.	,,	·184	broke	..	..
10,440 A.	Bamau	-	,,	·048	·068	·097	·138
10,465 A.	Dedoap Tha	-	,,	broke	..	..	..
10,465 B.	Do.	-	,,	broke	..	..	..
10,475 A.	Manee Auka	-	,,	·112	broke	·259	broke
10,475 B.	Do.	-	,,	·108	·159	..	..
10,476 A.	Ngoo Tha	Cassia sp.	,,	·096	broke	..	..
10,476 B.	Do.	Do.	,,	·122	broke	..	..
10,476 C.	Do.	Do.	,,	·115	·226	broke	..
10,477 A.	Kay Yoob	-	,,	·054	·080	·112	·162
10,477 B.	Do.	-	,,	·050	·075	·108	·167
10,477 C.	Do.	-	,,	·063	·095	·145	·247
10,478 A.	Nat Gyee	-	,,	·060	·090	·138	·186
10,478 B.	Do.	-	,,	·069	·108	broke	..
10,478 C.	Do.	-	,,	·076	·110	·152	·208
10,482 A.	Pune Tha	-	,,	·085	·125	·212	broke
10,482 B.	Do.	-	,,	·073	·106	·165	·318
10,485 A.	Padouk	Pterocarpus Dalbergioides.	,,	·052	·073	·100	·142
10,485 B.	Do.	Do.	,,	·046	·068	·096	·141s
10,485 C.	Do.	Do.	,,	·083	·118	·168	broke
10,489 A.	Kya Ya	Mimusops elengi	,,	·066	·089	·136	·262
10,489 B.	Do.	Do.	,,	·076	·108	·167	broke
10,491 A.	Zangyecoat-doup	Oak-leaved Polypod	,,	·051	·076	·132	broke
10,491 B.	Do.	Do.	,,	·063	·096	·151	broke
	HUNGARY.						
1 A.	-	Acer platanoides	2 by $1\frac{15}{16}$	·116	·265	broke	..
1 B.	-	Do.	,,	·131	·317	,,	..
1 C.	-	Do.	2 by 2	·15	broke	..	..
1 D.	-	Do.	,,	·103	·214	broke	..
2 A.	-	Sorbus terminalis	2 by $1\frac{13}{16}$	·118	·24	,,	..
2 B.	-	Do.	$1\frac{14}{16}$ by $1\frac{15}{16}$	·089	·306	,,	..

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	3,304	·140	Short fracture. Symptoms of dry rot.
..	..	..	..	..	..	3,696	·177	Short fracture.
·201	broke	..	..	..	..	7,392	·336	Good fracture.
..	..	..	..	..	..	4,144	·184	Specimen shaky and worm-eaten.
..	..	..	..	..	..	2,912	·400	Short fracture, not fibrous.
..	..	..	..	..	..	4,704	·360	Cleavage.
..	..	..	..	..	..	4,760	·700	Very good fracture.
..	..	..	..	..	..	5,488	1·000	Very tough good fracture.
..	..	..	..	..	..	2,800	·327	Very short fracture.
..	..	..	..	..	..	2,688	·326	Short and sudden fracture.
..	..	..	..	..	..	5,068	·395	Very long good fracture.
..	..	..	..	..	..	5,572	·662	Very tough fracture.
..	..	..	..	..	..	1,512	·255	Sudden fracture; inclined to be short.
..	..	..	..	..	..	2,240	·800	Very good tough fracture, but symptoms of dry rot; slow in giving way.
..	..	..	..	..	..	2,128	·580	Specimen showed bad symptoms of dry rot.
..	..	..	..	..	..	3,416	·315	
..	..	..	..	..	..	3,416	·287	
..	..	..	..	..	..	2,940	·390	
..	..	..	..	..	..	2,128	·635	Rather short fracture; not good specimen.
..	..	..	..	..	..	2,688	·270	Rather good, but not a fibrous fracture.
..	..	..	..	..	..	1,307	·200	
..	..	..	..	..	..	2,408	·202	Rather good fracture. Specimen out of centre of tree.
..	..	..	..	..	..	2,613	·292	Rather short fracture.
..	..	..	..	..	..	3,248	·335	Good, but not very fibrous fracture.
..	..	..	..	..	..	5,152	·300	Cleavage only.
..	..	..	..	..	..	2,576	·280	Do.
..	..	..	..	..	..	2,072	1·900	Fracture inclined to be short.
..	..	..	..	..	..	2,128	·500	Good fracture.
..	..	..	..	..	..	2,744	·384	Do.
..	..	..	..	..	..	2,716	·543	Good but short fracture.
·256	broke	..	..	..	..	7,056	·380	Fibres parted a little, and cleavage.
..	..	..	..	..	..	379	·291	Short and sudden fracture.
..	..	..	..	..	..	340	·291	Do. do.
..	..	..	..	..	..	2,744	·158	Sudden diagonal fracture.
..	..	..	..	..	..	4,592	·362	Good fracture.
..	..	..	..	..	..	3,248	·500	Fracture inclined to be short.
..	..	..	..	..	..	2,688	·165	Worm-eaten a little; short fracture.
..	..	..	..	..	..	3,808	·572	Good fracture.
·269	broke	..	..	..	..	7,168	·490	Do.
broke	..	..	..	..	..	6,496	·500	Do.
„	..	..	..	..	..	6,384	·445	Cleavage and slight fracture.
·287	broke	..	..	..	..	7,140	·520	Good fracture.
..	..	..	..	..	..	4,284	·168	Specimen shaky.
·320s	broke	..	..	..	..	7,112	·436	Cleavage and slight fracture.
..	..	..	..	..	..	5,404	·400	Rather short, but good fracture.
broke	..	..	..	..	..	6,048	·736	Slow, long fracture.
broke	..	..	..	..	..	6,664	·270	Fibres slightly parted, and cleavage.
broke	..	..	..	..	..	6,496	·320	Good fracture.
..	..	..	..	..	..	5,432	·332	Diagonal fracture.
broke	..	..	..	..	..	6,020	·530	Good, long fracture.
..	..	..	..	..	..	5,544	·636	Good fracture.
..	..	..	..	..	..	5,544	·395	Long diagonal fracture.
..	..	..	..	..	..	5,544	·350	Half short and half fibrous fracture.
..	..	..	..	..	..	3,360	·36	Rather short fracture.
..	..	..	..	..	..	3,528	·38	Tolerably good fracture.
..	..	..	..	..	..	3,136	·47	Tolerably good fracture; part short.
..	..	..	..	..	..	3,864	·45	Rather short fracture.
..	..	..	..	..	..	4,004	·385	Tolerably good fracture.
..	..	..	..	..	..	4,480	·39	Short fracture.

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
	HUNGARY.		" "				
2 C.	- - - -	Sorbus terminalis -	2 by 2	·138	·254	broke	..
2 D.	- - - -	Do. - - -	"	·102	·168	·289	broke
3 A.	- - - -	- - - - -	$1\frac{15}{16}$ by $1\frac{7}{8}$	·174	broke	..	..
3 B.	- - - -	- - - - -	2 by $1\frac{7}{8}$	broke	..	..	..
3 C.	- - - -	- - - - -	$1\frac{7}{8}$ by $1\frac{7}{8}$	"	..	..	..
3 D.	- - - -	- - - - -	"	·214	broke	..	..
4 A.	- - - -	Fraxinus excelsior -	$1\frac{15}{16}$ by $1\frac{15}{16}$	·184	"	..	..
4 B.	- - - -	Do. - - -	"	·171	"	..	..
4 C.	- - - -	Do. - - -	$1\frac{7}{8}$ by $1\frac{7}{8}$	·178	"	..	..
4 D.	- - - -	Do. - - -	"	·175	"	..	..
5 A.	- - - -	- - - - -	$1\frac{7}{8}$ by $1\frac{15}{16}$	broke			
5 B.	- - - -	- - - - -	2 by $1\frac{15}{16}$	"	..	..	..
5 C.	- - - -	- - - - -	$1\frac{15}{16}$ by $1\frac{15}{16}$	"	..	..	..
5 D.	- - - -	- - - - -	2 by $1\frac{7}{8}$	"	..	..	..
6 A.	- - - -	Acer pseudo-platanus -	2 by 2	"	..	..	..
6 B.	- - - -	Do. - - -	"	"	..	..	..
6 C.	- - - -	Do. - - -	"	·152	broke	..	..
6 D.	- - - -	Do. - - -	"	·144	"	..	..
7 A.	- - - -	Do. - - -	"	·101	·222	broke	..
7 B.	- - - -	Do. - - -	"	·126	broke	..	..
7 C.	- - - -	Do. - - -	"	·145	"	..	..
7 D.	- - - -	Do. - - -	"	·11	·221	broke	..
8 A.	- - - -	Betula alba - -	2 by $1\frac{15}{16}$	·182	broke	..	..
8 B.	- - - -	Do. - - -	"	·145	"	..	..
8 C.	- - - -	Do. - - -	2 by 2	·151	"	..	..
8 D.	- - - -	Do. - - -	2 by $1\frac{15}{16}$	·127	"	..	..
9 A.	- - - -	Quercus robur - -	"	·098	·18	broke	..
9 B.	- - - -	Do. - - -	"	·013	·188	"	..
9 C.	- - - -	Do. - - -	"	·136	·244	"	..
10 A.	- - - -	- - - - -	2 by 2	·125	·264	"	..
10 B.	- - - -	- - - - -	"	·179	·46	"	..
10 C.	- - - -	- - - - -	"	·113	·19	"	..
10 D.	- - - -	- - - - -	"	·135	·281	"	..
11 A.	- - - -	Pyrus malus - -	"	·11	·217	"	..
11 B.	- - - -	Do. - - -	"	·112	·208	"	..
13 A.	- - - -	Quercus - - -	"	·2	broke	..	..
13 B.	- - - -	Do. - - -	"	·168	"	..	..
13 C.	- - - -	Do. - - -	"	·165	"	..	..
13 D.	- - - -	Do. - - -	"	·152	·283	broke	..
14 A.	- - - -	Carpinus betulus -	"	·338	broke	..	..
14 B.	- - - -	Do. - - -	"	·278	"	..	..
14 C.	- - - -	Do. - - -	"	·232	"	..	..
14 D.	- - - -	Do. - - -	"	·249	"	..	..
15 A.	- - - -	Salix caprea - -	"	·134	"	..	..
15 B.	- - - -	Do. - - -	"	·111	"	..	..
16 A.	- - - -	Salix vimanalis - -	$1\frac{15}{16}$ by $1\frac{7}{8}$	broke	..	..	..
16 B.	- - - -	Do. - - -	2 by 2	"	..	..	..
17 A.	- - - -	Fagus sylvatica - -	"	·123	broke	..	..
17 B.	- - - -	Do. - - -	"	·093	·172	broke	..
17 C.	- - - -	Do. - - -	"	·16	broke	..	..
17 A.	- - - -	- - - - -	"	·098	·118	broke	..
25 A.	- - - -	- - - - -	2 by $1\frac{15}{16}$	broke	..	..	..
25 B.	- - - -	- - - - -	$1\frac{15}{16}$ by $1\frac{15}{16}$	"	..	..	..
25 C.	- - - -	- - - - -	"	"	..	..	..
25 D.	- - - -	- - - - -	2 by $1\frac{15}{16}$	"	..	..	..
26 A.	- - - -	- - - - -	$1\frac{7}{8}$ by $1\frac{7}{8}$	"	..	..	..
26 B.	- - - -	- - - - -	"	"	..	..	..
27 A.	- - - -	- - - - -	2 by 2	·109	·330	broke	..
27 B.	- - - -	- - - - -	"	·222	broke	..	..
27 C.	- - - -	- - - - -	"	broke	..	..	..
28 A.	- - - -	- - - - -	"	·212	broke	..	..
28 B.	- - - -	- - - - -	"	·261	,	..	..

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	3,733	·345	Rather short fracture.
..	..	..	..	..	..	4,816	·412	Short fracture.
..	..	..	..	..	..	2,725	·33	Sudden long fracture.
..	..	..	..	..	..	2,100	·517	Good fibrous facture.
..	..	..	..	..	..	2,165	·45	Long good fracture.
..	..	..	..	..	..	2,660	·56	Good fracture.
..	..	..	..	..	..	2,949	·792	Good fibrous fracture.
..	..	..	..	..	..	3,164	·56	Rather short fracture; not good.
..	..	..	..	..	..	3,360	·635	Short fracture.
..	..	..	..	..	..	3,024	·52	Do.
..	..	..	..	..	..	1,045	1·493	Exceedingly tough, and good fibrous fracture.
..	..	..	..	..	..	1,045	1·205	Good tough fibrous fracture.
..	..	..	..	..	..	1,316	1·350	Tolerably good fracture.
..	..	..	..	..	..	1,022	1·194	Pretty good fracture.
..	..	..	..	..	..	2,240	·376	Rather short fracture.
..	..	..	..	..	..	2,072	·44	Do. do.
..	..	..	..	..	..	3,080	·38	Tolerably good fracture.
..	..	..	..	..	..	3,323	·435	Rather short, but tolerably good fracture.
..	..	..	..	..	..	3,836	·44	Quite short and sudden fracture.
..	..	..	..	..	..	3,136	·382	Rather brittle diagonal fracture.
..	..	..	..	..	..	3,108	·425	Rather short and brittle.
..	..	..	..	..	..	3,752	·35	Quite short and sudden fracture.
..	..	..	..	..	..	2,996	1·056	Very good tough fibrous fracture.
..	..	..	..	..	..	3,276	·99	Good tough fibrous fracture.
..	..	..	..	..	..	3,061	·684	Good tough fracture.
..	..	..	..	..	..	3,304	1·084	Good tough fibrous fracture.
..	..	..	..	..	..	4,256	·338	Tolerably good fracture.
..	..	..	..	..	..	4,060	·361	Do. do.
..	..	..	..	..	..	3,528	·38	Short and sudden fracture.
..	..	..	..	..	..	3,836	·435	Sudden fracture.
..	..	..	..	..	..	3,388	·51	Sudden and quite short fracture.
..	..	..	..	..	..	4,256	·386	Quite short and sudden fracture.
..	..	..	..	..	..	3,640	·408	Quite short fracture.
..	..	..	..	..	..	4,172	·66	Good tough fibrous fracture.
..	..	..	..	..	..	4,219	·425	Sudden fracture; half short and half fibrous.
..	..	..	..	..	..	3,136	·603	Quite short and sudden fracture.
..	..	..	..	..	..	3,080	·5	Part short and part fibrous fracture.
..	..	..	..	..	..	3,220	·492	Do. do.
..	..	..	..	..	..	3,808	·548	Good fracture; coarse fibre.
..	..	..	..	..	..	3,211	1·328	Very tough fracture; not fibrous; wood appeared brittle.
..	..	..	..	..	..	2,912	·764	Tolerably good fracture; not fibrous.
..	..	..	..	..	..	2,763	·455	Short and sudden fracture.
..	..	..	..	..	..	2,632	·612	Tolerably good fracture; inclined to be short.
..	..	..	..	..	..	2,949	·36	Cleavage only.
..	..	..	..	..	..	3,285	·396	Good fracture.
..	..	..	..	..	..	970	·856	Good fibrous fracture.
..	..	..	..	..	..	1,045	·53	Not a very good fracture; inclined to be brittle.
..	..	..	..	..	..	3,332	·363	Good fracture.
..	..	..	..	..	..	4,256	·36	Do.
..	..	..	..	..	..	2,996	·486	Tolerably good fracture; not fibrous.
..	..	..	..	..	..	3,668	·28	Rather short fracture; a portion of fibres only parted.
..	..	..	..	..	..	1,008	1·300	Very good tough fibrous fracture.
..	..	..	..	..	..	1,232	·952	Very good fibrous fracture; a portion of fibres only parted.
..	..	..	..	..	..	1,045	1·34	Very good tough fibrous fracture.
..	..	..	..	..	..	1,680	1·38	Very good tough fracture.
..	..	..	..	..	..	1,456	·7	Good fracture; long large splinters.
..	..	..	..	..	..	1,344	·914	Good tough fibrous fracture.
..	..	..	..	..	..	3,388	·512	Good fibrous fracture.
..	..	..	..	..	..	2,520	·5	Good fracture; short fibres.
..	..	..	..	..	..	2,128	·365	Quite short and sudden fracture.
..	..	..	..	..	..	2,884	·438	Tolerably good fracture.
..	..	..	..	..	..	2,688	·902	Good fracture; only half of fibres parted; fibres rather short.

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
	JAMAICA.		" "				
160 A.	White Lance Wood	Guatteria laurifolia -	2 by 2	·084	·110	·142	·191
160 B.	Do. - -	Do. - - -	$1\frac{5}{8}$ by 2	·088	·120	·160	·226
164 A.	Blood, or Iron Wood	Laplacea hæmatoxylon -	2 by 2	·113	·175	broke	..
164 B.	Do. - -	Do. - - -	"	·100	·166	"	..
164 C.	Do. - -	Do. - - -	"	·094	·166	"	..
164 D.	Do. - -	Do. - - -	"	·102	·169	"	..
169 A.	Red Wood - -	Erythroxylon areolatum	"	·070	·098	·150	broke
169 B.	Do. - - -	Do. - - -	"	·087	·130	·219	"
169 C.	Do. - - -	Do. - - -	"	·092	·140	·252	"
169 D.	Do. - - -	Do. - - -	"	·077	·122	·238	"
189 A.	Jack Fruit - -	Artocarpus integrifolia -	"	·116	·206	broke	..
189 B.	Do. - -	Do. - - -	"	·107	·213	"	..
189 C.	Do. - -	Do. - - -	2 by $1\frac{7}{8}$	·343	broke	..	..
189 D.	Do. -	Do. - - -	"	·140	broke	..	..
201 A.	Red Candle Wood -	Amyris ——— ? - -	2 by $1\frac{15}{16}$	·076	·104	·140	·201
201 B.	Do. - -	Do. - - -	2 by 2	·073	·099	·129	·179
201 C.	Do. - -	Do. - - -	"	·084	·120	·172	·240
201 D.							
210 A.	- - - -	Casuarina equisetifolia -	2 by $1\frac{14}{16}$	·067	·092	·121	broke
210 B.	- - - -	Do. - - -	2 by 2	·081	·116	broke	..
210 C.	- - - -	Do. - - -	"	·082	·105	·152	broke
212 A.	Jamaica Ebony, var. Black Heart.	Brya Ebenus - -	"	·060	·080	·102	·122
212 B	Do. - -	Do. - - -	$1\frac{13}{16}$ by $1\frac{14}{16}$	·078	·104	·133	·167
216 A.	Dog Wood - -	Priscidia erythrina -	2 by 2	·074	·102	·128	·165
216 B.	Do. - -	Do. - - -	"	·081	·112	·152	·212
216 C.	Do. - -	Do. - - -	"	·068	·089	·111	·136
216 D.	Do. - -	Do. - - -	"	·068	·093	·124	·167
218 A.	Do. - -	Piscidia Carthaginensis	"	·087	·127	·193	broke
218 B.	Do. - -	Do. - - -	"	·078	·114	·170	·341s
223 A.	Braziletto - -	Peltophorum Linnæi -	"	·064	·085	·110	·138
223 B.	Do. - -	Do. - - -	"	·064	·086	·113	·141
223 C.	Do. - -	Do. - - -	"	·060	·078	·097	·125
223 D.	Do. - -	Do. - - -	"	·065	·087	·114	·142
228 A.	Yellow Candle Wood	Cassia emarginata -	"	·068	·091	·121	·154
228 B.	Do. - -	Do. - - -	"	·073	·105	·141	·205
236 A.	South American Acacia.	Calliandra suman -	"	·216	broke	..	..
236 B.	Do. - -	Do. - - -	"	·190	"	..	..
236 C.	Do. - -	Do. - - -	"	broke	..	..	..
252 A.	White Mangrove -	Laguncularia racemosa	"	·103	·153	·282	broke
252 B.	Do. - -	Do. - - -	"	·092	·148	·257	"
252 C.	Do. - -	Do. - - -	"	·132	broke	..	..
267 A.	White Bully Tree -	Dipholis salicifolia -	"	·071	·099	·133	·190
267 B.	Do. - -	Do. - - -	"	·072	·096	·140	·225
267 C.	Do. - -	Do. - - -	"	·070	·099	·140	broke
267 D.	Do. - -	Do. - - -	"	·077	·107	·158	"
284 A.	Tecoma Stans -	- - - - -	"	·088	·119	broke	..
284 B.	Do. - -	- - - - -	"	·081	·152s	"	..
297 A.	Red Heart - -	- - - - -	"	·065	·083	·102	·124
297 B.	Do. - -	- - - - -	"	·064	·083	·104	·128
297 C.	Do. - -	- - - - -	"	·060	·070	·097	·124
297 D.	Do. - -	- - - - -	"	·064	·081	·102	·127
312 A.	Juniper Cedar	- - - - -	"	·176	broke	..	..
312 B.	Do. - -	- - - - -	"	·187	"	..	..
312 C.	Do. - -	- - - - -	"	broke	..	..	..
319 A*a*.	- - - -	- - - - -	"	·072	·096	·122	broke
319 A*b*.	- - - -	- - - - -	"	·065	·086	·110	·132s

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
·265	broke	..	..	..	..	7,224	·344	Quite short and sudden fracture.
broke	..	..	..	..	..	6,272	·300	Do. do.
..	..	..	..	..	..	4,228	·350	Cleavage, fibres parted a little.
..	..	..	..	..	..	4,256	·295	Slight cleavage, fibres parted a little.
..	..	..	..	..	..	4,368	·322	Rather long fracture.
..	..	..	..	..	..	4,200	·358	Tolerably good fracture.
..	..	..	..	..	..	5,376	·259	Short and sudden fracture.
..	..	..	..	..	..	4,480	·250	Do. do.
..	..	..	..	..	..	4,816	·350	Do. do.
..	..	..	..	..	..	4,788	·324	Do. do.
..	..	..	..	..	..	3,556	391	This specimen had a knot in it; fracture rather short.
..	..	..	..	..	..	3,612	·316	Good fracture.
..	..	..	..	..	..	2,268	·438	Good fibrous fracture.
..	..	..	..	..	..	3,080	·402	Rather short fracture.
broke	..	..	..	..	..	6,720	·310	Cleavage.
·284s	broke	..	..	..	..	7,728	·640	Fibrous fracture; specimen not quite dry.
broke	..	..	..	..	..	6,524	·534	Good cleavage, rather long fracture (shakes in heart).
..	..	..	..	..	..	4,872	·142	Short fracture symptoms of dry rot.
..	..	..	..	..	..	3,976	·144	Quite a short and sudden fracture; symptoms of dry rot.
..	..	..	..	..	..	5,301	·226	Do. do.
·153	·186	·229	·309	broke	..	10,920	·442	Good fracture; sap outside.
·216	·286	·456s	broke	..	..	9,100	·551	Good fracture.
·226s	broke	..	..	..	..	7,756	·384	Symptoms of dry rot; good long diagonal fracture.
·333s	„	..	..	..	..	7,084	·528	Symptoms of dry rot; good fibrous fracture.
·169	·209s	·316	broke	..	..	9,128	·440	Good fibrous fracture.
·266	broke	..	..	..	..	7,392	—	Fibres parted a little, and cleavage.
..	..	..	..	..	..	5,124	·464	Good fracture.
broke	..	..	..	..	..	5,824	·560	Do.
·164	·214s	broke	..	..	..	8,932	·378	Not quite dry; good fibrous fracture.
·175	·157	„	..	..	..	7,980	·404	Good fibrous fracture and slight cleavage.
·165s	broke	..	..	..	..	7,392	·221	Rather short fracture.
·126	„	..	..	..	..	8,400	·420	Good fracture.
·219	„	..	..	..	..	7,728	·382	Sudden long fracture.
broke	..	.	..	..	..	6,468	·336	Do. do. slightly defective.
..	..	..	..	..	..	2,688	1·174	Good tough fibrous fracture.
..	..	..	..	..	..	2,576	·400	Fracture inclined to be short.
..	..	..	..	..	..	1,680	·600	Fracture rather short; two-thirds sap.
..	..	..	..	..	..	4,564	·520	Good fibrous fracture.
..	..	..	..	..	..	4,816	·492	Good tough fibrous fracture.
..	..	..	..	..	..	3,304	·294	Inclined to be short and sudden.
broke	..	..	..	..	..	6,496	·300	Long fracture; worm-eaten.
„	..	..	..	..	..	5,936	·314	Good fracture; do.
..	..	..	..	..	..	4,984	·242	Tolerably good fracture; inclined to be short; worm-eaten.
..	..	..	..	..	..	4,928	·266	Good fracture.
..	..	..	..	..	..	4,424	·206	Tolerable fracture; inclined to be short.
..	..	..	..	..	..	4,256	·228	Do. do.
·153	·199	broke	..	..	..	8,876	·333	Rather long fracture, not fibrous, and cleavage.
·170s	·254	„	..	..	..	8,568	·423	Tolerably good fracture and cleavage.
·164	·223	„	..	..	..	8,932	·394	Cleavage and good fibrous fracture.
·168	·226	„	..	..	..	8,922	·380	Cleavage and fibres parted a little.
..	..	..	..	..	..	2,856	·225	Sudden and bad fracture; several small knots in specimen.
..	..	..	..	..	..	2,492	·212	Do. do.
..	..	..	..	..	..	2,156	·16	Do. do. short.
..	..	..	..	..	..	5,208	·155	Short and sudden fracture; specimen worm-eaten.
broke	..	..	..	..	..	6,720	·170	Rather short fracture; worm-eaten a little.

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection			
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
	JAMAICA.		" "				
319 B*a*.	Section of Cocoa Nut	- - - - -	2 by 2	·066	·090	·134	·221
319 B*b*.	Do. - -	- - - - -	"	·098	·136	·198	·341s
319 B*c*.	Do. - -	- - - - -	"	·072	·110	·176	broke
319 B*d*.	Do. - -	- - - - -	"	·080	·125	·190	"
319 C*a*.	Do. - -	- - - - -	"	·080	·108	·144	·193
319 C*b*.	Do. - -	- - - - -	"	·070	·094	·125	·169
319 E*a*.	Do. - -	- - - - -	"	·068	·090	·114	·146
319 E*b*.	Do. - -	- - - - -	"	·063	·082	·103	·126
320 A.	Yoke Wood - -	- - - - -	"	·121	·226	broke	..
320 B.	Do. - -	- - - - -	"	·109	·205	"	..
324 A.	Santa Maria - -	Calophyllum calaba -	"	·140	broke	..	..
324 B.	Do. - -	Do. - - -	"	·184	"	..	..
326 A.	Red Wood - -	Erythroxylon areolatum	"	·086	·135	·214	broke
326 B.	Do. - -	Do. - - -	"	·098	·172	broke	..
328 A.	Black Bullet Tree -	Dipholis —— ? -	"	·072	·106	·142	·193
328 B.	Do. - -	Do. - - -	"	·060	·091	·145	·267s
329 A.	Galla Pear - -	- - - - -	"	broke	..	..	..
329 B.	Do. - -	- - - - -	"	"	..	..	..
329 C.	Do. - -	- - - - -	"	"	..	..	..
332 A.	Hog Berry - -	- - - - -	"	·097	·146	·309	broke
332 B.	Do. - -	- - - - -	"	·092	·141	·252	"
332 C.	Do. - -	- - - - -	"	·090	·140	·248	"
332 D.	Do. - -	- - - - -	"	·091	·141	·252	"
338 A.	Spanish Elm -	Cordia gerascanthus -	"	·082	·111	·158	·244
338 B.	Do. - -	Do. - - -	"	·088	·136	·240	broke
338 C.	Do. - -	Do. - - -	"	·092	·126	·184	"
339 A.	Naseberry Bullet Tree.	Achras sideroxylon -	"	·060	·073	·092	·120
339 B.	Do. - -	Do. - - -	"	·080	·106	·138	·186
339 C.	Do. - -	Do. - - -	2 by $1\frac{5}{8}$	·068	·090	·112	·143
339 D.	Do. - -	Do. - - -	$1\frac{7}{8}$ by 2	·072	·102	·140	·202
341 A.	Iron Wood - -	(? Laplacea hæmatoxylon)	2 by 2	·065	·088	·112	·139
343 A.	Cassada Wood -	- - - - -	$1\frac{15}{16}$ by 2	·116	broke	..	..
343 B.	Do. - -	- - - - -	2 by $1\frac{15}{16}$	·164	"	..	..
343 C.	Do. - -	- - - - -	$1\frac{15}{16}$ by 2	·124	"	..	..
345 A.	Wild Orange -	Citrus aurantium -	2 by 2	·052	·069	·087	·111s
345 B.	Do. - -	Do. - - -	"	·047	·063	·080	·102
350 A.	Green Heart -	Amyris ——? -	"	·058	·080	·104	·134
350 B.	Do. - -	Do. - - -	"	·061	·082	·107	·139
351 A.	Musk Wood -	(? Guarea trichilioides)	2 by $1\frac{15}{16}$	·107	·187	·409	broke
354 A.	Sweet Wood -	Nectandra —— ? -	2 by 2	·068	·098	·156	"
354 B.	Do. - -	Do. - - -	"	·070	·103	·172	"
355 A.	Black Rose Wood -	Amyris ——? - -	"	·072	·091	·117	·149
355 B.	Do. - -	Do. - - -	"	·050	·073	·099	·132
358 A.	White Rose Wood -	Amyris ——? - -	"	·055	·074	·094	·133
358 B.	Do. - -	Do. - - -	"	·052	·074	·107	·154
358 C.	Do. - -	Do. - - -	"	·052	·070	·089	·118
363 A.	Beech Wood -	- - - - -	"	·082	·122	·189	·354
365 A.	Wild Cinnamon -	Canella alba - -	"	·132	·415	broke	..
365 B.	Do. - -	Do. - - -	"	·121	·452	"	..
367 A.	White Cedar -	Cedrela ——? - -	$1\frac{15}{16}$ by $1\frac{15}{16}$	·215	·500s	"	...
367 B.	Do. - -	Do. - - -	$1\frac{15}{16}$ by 2	·316s	broke	..	..
371 A.	White Torch -	Amyris ——? - -	2 by 2	·070	·093	·128	·174
371 B.	Do. - -	Do. - - -	"	·057	·093	·127	·182
371 C.	Do. - -	Do. - - -	"	·076	·108	·152	·229s
371 D.	Do. - -	Do. - - -	"	·070	·097	·133	·190
372 A.	Beef Apple - -	- - - - -	"	·093	·131	·202	broke
372 B.	Do. - -	- - - - -	"	·082	·121	·193	"
376 A.	Blood Red Wood or Black Mahogany.	- - - - -	"	·094	·161	broke	..

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
broke	..	..	..	..	..	6,188	·482	Good fibrous fracture.
„	..	..	..	..	..	5,880	·421	Rather short fracture.
..	..	..	..	..	..	5,376	·446	Good fibrous fracture.
..	..	..	..	..	..	5,488	·434	Good fibrous fracture; had bad shakes.
broke	..	..	..	..	..	6,356	·306	Tolerable fracture.
„	..	..	..	..	..	6,552	·235	Tolerable fracture; not fibrous.
·190	broke	..	..	..	..	7,728	·280	Fibres started a little and cleavage in a shake.
·158	·222s	broke	..	..	..	8,316	·338	Rather good fracture and cleavage.
..	..	..	..	..	..	3,920	·403	Short and sudden fracture.
..	..	..	..	..	..	3,976	·519	Good fibrous fracture.
..	..	..	..	..	..	3,024	·360	Do. do.
..	..	..	..	..	..	2,912	·57	Short and sudden fracture.
..	..	..	..	..	..	5,292	·396	Long fracture.
..	..	..	..	..	..	4,144	·288	Fracture not very good: knots in specimen.
broke	..	..	..	..	..	6,412	·328	Part long fracture and cleavage.
„	..	..	..	..	..	5,824	·300	Fibres parted a little and cleavage.
.	..	..	..	..	..	1,512	·301	Sudden fracture; not very short.
..	..	..	..	..	..	1,204	·250	Rather short fracture; very dry.
..	..	..	..	..	..	1,344	·365	Do. do. do.
..	..	..	..	..	..	4,592	·382	Short fracture.
..	..	..	..	..	..	4,732	·375	Short and sudden fracture.
..	..	..	..	..	..	4,536	·330	Fracture inclined to be short.
..	..	..	..	..	..	4,788	·352	Short fracture.
broke	..	..	..	..	..	6,552	·452	Cleavage tough.
..	..	..	..	..	..	4,984	·420	Good fracture.
..	..	..	..	..	..	5,320	·530	Do.
·159	·214	broke	..	..	..	8,456	·265	Sudden cleavage.
broke	..	..	..	..	..	5,824	·551	Cleavage at a flaw and fibrous fracture.
·192	·301s	broke	..	..	..	8,148	·610	Good fibrous fracture.
broke	..	..	..	..	..	6,608	·332	Cleavage through shake in heart.
„	..	..	..	..	..	6,720	·179	Short and sudden fracture.
..	..	..	..	..	..	3,323	·355	Short and sudden fracture; shake in specimen.
..	..	..	..	..	..	2,800	·296	Part fracture and slight cleavage.
..	..	..	..	..	..	3,332	·280	Rather short and sudden fracture; specimen from centre of tree.
·144	broke	..	..	..	..	7,504	·170	Cleavage and fibres started a little.
·128	·174	broke	..	..	..	7,840	·180	Cleavage.
·182	·260s	„	..	..	..	7,952	·312	Do.
·182	·270	„	..	..	..	8,064	·328	Cleavage in a shake.
..	..	..	..	..	..	4,592	·954	Good tough fibrous fracture.
..	..	..	..	..	..	5,544	·421	Very good fracture.
..	..	..	..	..	..	5,348	·620	Good long fibrous fracture.
·198	·273	·430	broke	..	..	8,960	·578	Very good long and fibrous fracture; started very slightly between 3 ton 10 cwt. and 4 ton.
·180	·273s	broke	..	..	..	7,924	·580	Fracture; part good, and part rather short from defect in specimen.
·182	·336	„	..	..	..	8,176	·614	Very good fibrous fracture and cleavage.
·244	broke	..	..	..	..	7,280	·400	Tolerably good fracture.
·168	·294	broke	..	..	..	7,980	·554	Very good fibrous fracture and cleavage.
broke	..	..	..	..	..	5,936	·572	Part long fracture and cleavage.
..	..	..	..	..	..	3,472	·800	Fibrous fracture.
..	..	..	..	..	..	3,360	·621	Good fibrous fracture.
..	..	..	..	..	..	2,744	·740	Good fracture.
..	..	..	..	..	..	2,324	·750	Do.
broke	..	..	..	..	..	6,412	·302	Cleavage and fracture.
„	..	..	..	..	..	6,608	·319	Do. do.
„	..	..	..	..	..	5,824	·283	Long diagonal fracture.
„	..	..	..	..	..	6,496	·288	Cleavage.
..	..	..	..	..	..	5,488	·342	Very short and sudden fracture.
..	..	..	..	..	..	5,012	·252	Cleavage.
..	..	..	..	..	..	4,256	·283	Rather short fracture.

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
	JAMAICA.		" "				
376 B.	Blood Red Wood or Black Mahogany.		2 by 2	·091	·150	·28	broke
378 A.	Fig Tree, Wild	Ficus virens	"	·188	broke	..	..
384 A.	Black Mahogany or Blood Red Wood.		"	·083	·147	broke	..
384 B.	Do.		"	·105	·168	"	..
384 C.	Do.		"	·089	·151	·309	broke
384 D.	Do.		"	·108	·175	broke	..
407 A.	Star Apple	Chrysophyllum cainito	"	·071	·100	·145	·204
	LIBERIA.						
7 A.	Whismore		1¼ by 1 1/16	·122	·246	broke	..
7 B.	Do.		"	·086	·184	"	..
7 C.	Do.		1 1/16 by 1¼	·131	·222	"	..
10 A.	Cedar		2 by 2	·082	·085	·115	·149
10 B.	Do.		"	·067	·090	·120	·163
10 C.	Do.		"	·058	·080	·104	·139
11 A.	Black Gum			·062	·077	·096	·122
11 B.	Do.			·058	·082	·116	·151
11 C.	Do.		2 by 2	·060	·084	·119	·155
15 A.	Burr Wood		"	·097	·139	broke	..
15 B.	Do.		"	·089	·132	"	..
15 C.	Do.		"	·089	·140	"	..
15 D.	Do.		"	·086	·130	·212	broke
16 A.	Cherry		1½ by 1½	·144	broke	..	..
16 B.	Do.		2 by 1½	·129	·236	broke	..
17 A.	Brimstone		2 by 2	·083	·129s	·226	broke
17 B.	Do.		"	·099	·165	broke	..
18 A.	Box Wood		"	·066	·090	·113	·153
18 B.	Do.		"	·061	·085	·117	·154
19 B.	Cedar		1 1/16 by 1 1/16	·163	broke	..	..
19 C.	Do.		2 by 2	·108	·248	broke	..
20 A.	Iron Wood		"	·072	·098	·129	·170s
20 B.	Do.		1 1/16 by 1 1/16	·081	·111	·153	·210
20 C.	Do.		2 by 2	·078	·102	·131	·185
20 A.A.	Mahogany		1 1/16 by 1 1/16	·144	broke	..	..
20 A.B.	Do.		"	·164	"	..	..
20 A.C.	Do.		1 1/16 by 1 1/16	·166	broke	..	..
20 A.D.	Do.		1 1/16 by 1 1/16	·128	"	..	..
21 A.	Black Oak		1 1/16 by 1 1/16	·095	·174	broke	..
21 B.	Do.		"	·076	·148	"	..
21 C.	Do.		1 1/16 by 1 1/16	·107	·174	"	..
21 D.	Do.		"	·109	·215	"	..
22 A.	Mahogany		1 1/16 by 1 1/16	·108	·190	broke	..
22 B.	Do.		"	·124	·200	"	..
22 C.	Do.		"	·140	broke	..	..
22 D.	Do.		1 1/16 by 1 1/16	·135	·239	broke	..
58 A.	Do.		2 by 2	·086	·120	·197s	broke
58 B.	Do.		"	·070	·110	·182	"
	NEW SOUTH WALES (NORTH).						
1 A.	Bogum-bogum	Flindersia Bennettii, F. Muell.	2 by 2	·121	broke	..	..
1 B.	Do.	Do.	"	·088	·142	broke	..
3 A.	Goorie	Cryptocarya, sp.	"	·066	·100	"	..
3 B.	Do.		"	·070	·112	·186	broke
3 C.	Do.	Cryptocarya, sp.	"	·056	·083	·141	"
4 A.		Do.	"	·068	·114	broke	..
4 B.		Do.	"	·070	·120	"	..
5 A.	Bush, Bastard, or White Box.	Lophostemon Australis	"	·072	·101	·146	·276s
5 B.	Do.	Do.	"	·084	·123	·190	broke

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	4,760	·350	Short and sudden fracture (heart, with shake).
..	..	..	..	..	..	2,688	·301	Short and sudden fracture. Specimen from centre of tree; symptoms of dry rot.
..	..	..	..	..	..	4,368	·294	Sudden diagonal fracture; not fibrous.
..	..	..	..	..	..	4,368	·342	Sudden fracture; inclined to be short.
..	..	..	..	..	..	4,480	·347	Tolerably good fracture; slightly defective.
..	..	..	..	..	..	4,172	·312	Short fracture; slightly defective.
broke	..	..	..	..	..	6,160	·268	Short and sudden fracture.
..	..	..	..	..	..	3,696	·509	Good fibrous fracture and cleavage.
..	..	..	..	..	..	4,004	·408	Good fibrous fracture.
..	..	..	..	..	..	3,584	·432	Do do.
broke	..	..	..	..	..	6,244	·190	Sudden fracture; slightly worm-eaten.
„	..	..	..	..	..	6,160	·195	Sudden and rather short fracture.
·194	broke	..	..	..	..	6,906	·210	Long diagonal fracture.
·165	·270s	broke	..	..	..	7,868	·360	Good fibrous fracture and cleavage at each end.
·210	broke	..	..	..	..	7,420	·300	Cleavage and fibres parted slightly.
·228s	„	..	..	..	..	7,000	·270	Do. do.
..	..	..	..	..	..	3,696	·384	Long fracture.
..	..	..	..	..	..	4,284	·456	Good fracture.
..	..	..	..	..	..	4,200	·374	Fibres slightly parted and cleavage.
..	..	..	..	..	..	4,760	·319	Good, long, fracture.
..	..	..	..	..	..	3,192	·283	Good fracture.
..	..	..	..	..	..	3,472	·284	Good long fracture.
..	..	..	..	..	..	4,480	·242	Long diagonal fracture.
..	..	..	..	..	..	3,724	·332	Good fracture.
·213	·342s	broke	..	..	..	8,288	·444	Good long fracture.
·230	·394s	„	..	..	..	8,232	·650	Good fibrous fracture and cleavage.
..	..	..	..	..	..	3,024	·236	Long diagonal fracture.
..	..	..	..	..	..	3,584	·332	Fibres parted slightly and cleavage.
·259	broke	..	..	..	..	6,776	·384	Do. do.
broke	..	..	..	..	..	6,692	·424	Good fibrous fracture.
„	..	..	..	..	..	6,104	·252	Good fracture.
..	..	..	..	..	..	2,968	·215	Short fracture.
..	..	..	..	..	..	2,296	·188	Do.
..	..	..	..	..	..	2,856	·297	Rather short fracture.
..	..	..	..	..	..	2,800	·177	Short and sudden fracture.
..	..	..	..	..	..	4,340	·486	Good fibrous fracture.
..	..	..	..	..	..	4,424	·490	Short fibrous fracture.
..	..	..	..	..	..	4,284	·396	Good fracture.
..	..	..	..	..	..	4,032	·460	Very good fibrous fracture.
..	..	..	..	..	..	3,640	·255	Short fracture.
..	..	..	..	..	..	3,528	·370	Good fracture.
..	..	..	..	..	..	3,136	·330	Short and sudden fracture.
..	..	..	..	..	..	3,472	·338	Tolerably good fracture.
..	..	..	..	..	..	4,928	·423	Good fracture.
..	..	..	..	..	..	5,152	·432	Good, but not very fibrous fracture.
..	..	..	..	..	..	2,912	·180	Short and sudden fracture; considerable symptoms of dry rot.
..	..	..	..	..	..	3,836	·188	Do. do.
..	..	..	..	..	..	4,480	·170	Short fracture; shakes in specimen.
..	..	..	..	..	..	5,040	·284	Cleavage.
..	..	..	..	..	..	4,676	·162	Very short and sudden fracture.
..	..	..	..	..	..	4,032	·202	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	4,172	·240	Good fracture and cleavage; dry rot.
broke	..	..	..	..	..	5,992	·530	Good fracture.
..	..	..	..	..	..	5,432	·447	Do.

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
	NEW SOUTH WALES (NORTH).		" "				
5 C.	Bush, Bastard, or White Box.	Lophostemon Australis	2 by 2	·087	·128	·206	broke
5 D.	Do.	Do.	$1\frac{15}{16}$ by $1\frac{15}{16}$	·069	·104	·166	"
6 A.	Red Box	Do. var.	"	·136	·250	broke	..
6 B.	Do.	Do.	"	·117	·229	"	..
6 C.	Do.	Do.	"	·107	·181	"	..
6 D.	Do.	Do.	"	·118	·191	"	..
7 A.	Buranna	Neliteris, sp.	"	·137	broke	..	..
7 B.	Do.	- - - -	"	·132	"	..	..
10 A.	Box of Illawarra	Eucalyptus, sp.	2 by 2	·092	·152	broke	..
10 B.	Do.	- - - -	"	·079	·142s	"	..
12 D.	Gouipham	Schmidelia anodonta, F. Muell.	"	·133s	broke	..	..
13 A.	Wobul	Flindersia, sp.	$1\frac{15}{16}$ by $1\frac{15}{16}$	·069	·096	·128	·233s
13 B.	Do.	- - - -	"	·067	·095	·135	·212
14 A.	- - - -	Panax, sp.	2 by 2	·074	·108	·174	broke
14 B.	- - - -	- - - -	"	·065	·090	·129	"
15 A.	Moreton Bay Pine	Araucaria Cunninghamii	"	·163	broke	..	..
15 B.	Do.	Do.	"	·228	"	..	..
15 C.	Do.	Do.	"	broke	..	..	..
15 D.	Do.	Do.	"	·161	broke	..	..
17 A.	- - - -	Acmena, sp.	"	·094	·204	broke	..
17 B.	- - - -	- - - -	"	·088	·107	"	..
19 A.	Cherry	Nelitris ingens, F. Muell	"	·169	broke	..	..
19 B.	Do.	Do.	"	·120	"	..	..
21 A.	Wootarie	Cupania xylocarpa	"	·072	·100	·136	broke
21 B.	Do.	Do.	"	·061	·084	·118	·170
22 A.	Woorrodii, name in natural order.	Sapindaceæ	"	broke	..	..	..
22 B.	Woorrodii	- - - -	"	·142	broke	..	..
22 C.	Woorrodii, name in natural order.	Sapindaceæ	"	·230	"	..	..
22 D.	Do.	Do.	$1\frac{15}{16}$ by $1\frac{15}{16}$	·222	broke	..	..
23 A.	- - - -	Mooria campylos perma	2 by 2	·085	·136	broke	..
23 B.	- - - -	Do.	"	·128	·233	"	..
23 C.	- - - -	Mooria campylos perma, F. Muell.	"	·098	·163	"	..
23 D.	- - - -	Do.	"	·123	·254	broke	..
24 A.	Ash, Beech, and Flindosa.	Flindersia Australis	"	·064	.093	·154	broke
24 B.	Do.	Do.	"	·066	·099	·152	"
24 C.	Do.	Do.	"	·088	·145	broke	..
24 D.	Do.	Do.	"	·063	·093	·138	broke
25 A.	- - - -	Cryptocarya glaucescens	$1\frac{15}{16}$ by $1\frac{15}{16}$	·090	broke	..	..
25 B.	- - - -	Do.	"	·120	"	..	..
25 C.	- - - -	Do.	"	·108	"	..	..
25 D.	- - - -	Do.	"	·179	"	..	..
26 A.	Cherry of the Clarence.	Jambosa Australis	2 by 2	·106	·189	·508s	broke
26 B.	Do.	Do.	"	·085	·162	broke	..
27 A.	Native Tamarind	Cupania Australis	"	·067	·180	·199	broke
27 B.	Do.	Do.	"	·083	·164	broke	..
27 C.	Do.	Do.	"	·087	·142	"	..
28 A.	Native Plum	Achras Australis	"	·064	·086	·118	·135
28 B.	Do.	Do.	$1\frac{15}{16}$ by $1\frac{15}{16}$	·064	·081	·130	·199
28 C.	Do.	Do.	"	·070	·100	·148	·244
28 D.	Do.	Do.	"	·058	·078	·104	·145
35 A.	- - - -	Panax elegans	2 by 2	·223	broke	..	..
35 B.	- - - -	Do.	"	·168	"	..	..
36 A.	Name in natural order.	Celastraceæ	$1\frac{15}{16}$ by $1\frac{15}{16}$	·066	·082	·135	·234
36 B.	- - - -	- - - -	2 by 2	·058	·083	·120	·187
40 A.	Uroobie	Nephelium lanuginosum	"	·066	·096	·154s	·256
40 B.	Do.	Do.	"	·049	·071	·101	·147
40 C.	Do.	Do.	$1\frac{15}{16}$ by $1\frac{15}{16}$	·072	·101	·136	·187
43 A.	Native Orange	Eudiandra virens, F. Muell.	"	·073	·110	·179	broke
43 B.	Do.	Do.	"	·086	·133	·217	"
44 A.	Black Myrtle	- - - -	2 by 2	·080	·141	broke	..
44 B.	Do.	- - - -	"	·062	·089	·146	broke

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	5,096	·404	Good fracture.
..	..	..	..	..	..	5,516	·424	Do.
..	..	..	..	..	..	3,668	·402	Rather short and sudden fracture.
..	..	..	..	..	..	3,752	·382	Tolerable fracture; sudden.
..	..	..	..	..	..	4,228	·350	Short and sudden fracture.
..	..	..	..	..	..	3,640	·230	Do. do.
..	..	..	..	..	..	3,080	·258	Short fracture; specimen worm-eaten.
..	..	..	..	..	..	3,192	·215	Do. do.
..	..	..	..	..	..	4,060	·240	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	3,920	·230	Do. do.
..	..	..	..	..	..	2,352	·230	Tolerable fracture; rather short.
broke	..	..	..	..	..	6,076	·462	Cleavage and fibres slightly parted.
,,	..	..	..	..	..	6,468	·575	Good fibrous fracture.
..	..	..	..	..	..	5,320	·306	Short and rather sudden fracture.
..	..	..	..	..	..	5,096	·180	Cleavage in a shake.
..	..	..	..	..	..	2,912	..	Short and sudden fracture.
..	..	..	..	..	..	2,464	..	Do. do.
..	..	..	..	..	..	1,904	..	Do. do.
..	..	..	..	..	..	2,576	..	
..	..	..	..	..	..	3,640	·350	Good fracture.
..	..	..	..	..	..	4,256	·445	Tolerably good fracture.
..	..	..	..	..	..	2,912	·528	Good fracture; tough.
..	..	..	..	..	..	3,192	·280	Tolerably good fracture; dry rot.
..	..	..	..	..	..	5,600	·218	Tolerably good fracture.
broke	..	..	..	..	..	6,048	·210	Very short fracture.
..	..	..	..	..	..	2,044	·208	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	2,240	·148	Do. do.
..	..	..	..	..	..	2,492	..	Short and sudden fracture; slight symptoms of dry rot in specimen.
..	..	..	..	..	..	2,576	·315	Rather short and sudden fracture.
..	..	..	..	..	..	4,256	·300	Rather short fracture.
..	..	..	..	..	..	3,920	·332	Do.
..	..	..	..	..	..	3,920	·255	Do.
..	..	..	..	..	..	3,556	·310	Rather short fracture.
..	..	..	..	..	..	5,488	·480	Good fracture.
..	..	..	..	..	..	5,516	·350	Rather short fracture.
..	..	..	..	..	..	4,368	·456	Good fracture.
..	..	..	..	..	..	5,488	·259	Rather short fracture.
..	..	..	..	..	..	3,248	·190	Short fracture.
..	..	..	..	..	..	3,192	·315	Do.
..	..	..	..	..	..	3,108	·224	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	2,800	·398	Tolerably good fracture.
..	..	..	..	..	..	4,536	·778	Good fracture; tough.
..	..	..	..	..	..	4,480	·476	Do. do.
..	..	..	..	..	..	4,480	·210	Short fracture.
..	..	..	..	..	..	3,808	·250	Long but sudden fracture.
..	..	..	..	..	..	3,920	·215	Very short fracture.
·246	broke	..	..	..	..	6,944	·324	Cleavage and fibres parted slightly.
broke	..	..	..	..	..	6,412	·434	Good fibrous fracture.
,,	..	..	..	..	..	6,608	·580	Do.
·232	broke	..	..	..	..	7,280	·446	Do.
..	..	..	..	..	..	2,548	·358	Rather short fracture.
..	..	..	..	..	..	2,632	·286	Very short fracture.
broke	..	..	..	..	..	5,824	·380	Good fibrous fracture.
,,	..	..	..	..	..	6,188	·341	Good fracture.
,,	..	..	..	..	..	6,216	·500	Tolerably good fracture.
·298	broke	..	..	..	..	7,168	·60	Good fibrous fracture.
·310	,,	..	..	..	..	7,000	·39	Rather short fracture.
..	..	..	..	..	..	4,900	·22	Short diagonal fracture. Dry rot.
..	..	..	..	..	..	4,984	·345	Short diagonal fracture.
..	..	..	..	..	..	3,696	·180	Cleavage only. Symptoms of dry rot.
..	..	..	..	..	..	4,480	·220	Good fracture, but inclined to be short.

TABLE II—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
	NEW SOUTH WALES (NORTH).		" "				
45 A.	- - - -	Atherosperma micranthum.	$1\frac{5}{16}$ by $1\frac{1}{16}$	·121	·276s	broke	..
45 B.	- - - -	Do. - - -	"	·085	·130	"	..
47 A.	Rosewood - -	Synöum glandulosum -	2 by 2	·071	·107	·261	broke
47 B.	Do. - -	Do. - - -	"	·071	·108	·165	"
47 C.	Do. - -	Do. - - -	"	·073	·115	broke	..
47 D.	Do. - -	Do. - - -	"	·071	·109	·167	broke
51 A.	Pencil Cedar -	Synöum Lardneri, Moore	"	·076	·114	·278s	"
51 B.	Do. - -	Do. - - -	"	·071	·120	·320	"
51 C.	Do. - -	Do. - - -	"	·096	·149	broke	..
51 D.	Do. - -	Do. - - -	"	·086	·120	·177	broke
53 A.	- - - -	Carissa ovata - -	"	·076	·110	·171	"
53 B.	- - - -	Do. - - -	"	·072	·106	·159	"
54 A.	- - - -	Schmidelia pyriformis -	"	·069	·097	·146	·226
54 B.	- - - -	Do. - - -	"	·065	·094	·138	broke
60 A.	Hickory Lignum Vitæ.	Acmena sp. - -	$1\frac{5}{16}$ by $1\frac{1}{16}$	·084	·112	·159	·229
60 B.	Do. - -	- - - - -	"	·058	·080	·107	·143
61 A.	Flindosa - -	Flindersia Australis, var.	2 by 2	·070	·096	·142	·336
61 B.	Do. - -	Do. - - -	"	·080	·141	·256	broke
61 C.	Do. - -	Do. - - -	"	·089	·130	·243	"
61 D.	Do. - -	Do. - - -	"	·078	·109	·194	"
63 A.	Flintamendosa -	Flindersia Greavesii -	"	·065	·092	·118	·158
63 B.	Do. - -	Flindersia Greavesii, Moore.	"	·058	·079	·128	·222
64 A.	Tea Tree - -	Callistemon salignum -	"	·081	·115	·168	broke
64 B.	Do. - -	Do. - - -	"	·088	·125	·186	"
66 A.	Bastard Myall -	Acacia Cunninghamii -	"	·070	·098	·166	·2988
66 B.	Do. - -	Do. - - -	"	·065	·095	·159	broke
67 A.	- - - -	Alphitonia excelsa -	"	·071	·096	·131	·174
67 B.	- - - -	Do. - - -	"	·073	·106	·163	broke
68 A.	- - - -	Vitex, sp. - - -	"	·175	broke	..	..
68 B.	- - - -	- - - - -	"	broke	..	..	..
69 A.	- - - -	Myrtus Melastomæ -	"	·070	·100	·149	broke
69 B.	- - - -	Do. - - -	"	·090	·140	broke	..
71 A.	Swamp Oak - -	Casuarina quadrivalvis -	$1\frac{1}{16}$ by $1\frac{1}{16}$	·060	·082	·108	·160
71 B.	Do. - -	Do. - - -	"	·064	·090	·134	·188
74 A.	White Myrtle -	Myrtus acmenoides, F. Mull.	2 by 2	·058	·079	·112	·156
74 B.	Do. - -	Do. - - -	"	·063	·090	·127	·187
77 A.	Iron Bark of the Clarence.	Eucalyptus sp. - -	"	·050	·068	·087	·111
77 B.	Do. - -	Do. - - -	"	·054	·071	·091	·113
84 A.	Marblewood -	Olea paniculata? -	"	·056	·074	·103	·146
84 B.	Do. - -	Do. - - -	"	·058	·080	·118	·172
88 A.	- - - -	Evodia erythrococca, F. Muell.	"	·055	·080	·122	·212
88 B.	- - - -	Do. - - -	"	·051	·082	·126	·228
89 A.	- - - -	Diospyros? sp. - -	$1\frac{1}{16}$ by $1\frac{1}{16}$	·070	·094	·130	·190
89 B.	- - - -	- - - - -	"	·058	·082	·122	·188
93 A.	- - - -	Celtis opaca, F. Muell -	2 by 2	·095	·192	broke	..
93 B.	- - - -	Do. - - -	"	·087	·190	"	..
102 A.	Flooded Gum -	Eucalyptus, sp. - -	$1\frac{1}{16}$ by $1\frac{1}{16}$	·063	·104	·186	broke
102 B.	Do. - -	- - - - -	2 by 2	·064	·100	·168	"
102 C.	Do. - -	- - - - -	$1\frac{1}{16}$ by $1\frac{1}{16}$	·072	·130	broke	..
102 D.	Do. - -	- - - - -	"	·065	·097	"	..
103 A.	Grey Gum - -	Eucalyptus, sp. - -	2 by 2	·055	·076	·106	·149
103 B.	Do. - -	- - - - -	"	·064	·080	·126	·180
104 A.	Bitter Bark - -	Tabernæmontana? sp. -	"	·078	·118	·224	broke
104 B.	Do. - -	- - - - -	"	·071	·110	·185	"
105 A.	Light Yellow Wood	Rhus rhodanthemum, F. Muell.	"	·094	·154	broke	..
105 B.	Do. - -	Do. - - -	"	·098	·180	broke	..
106 A.	Iron Wood - -	Argyrodendron trifoliatum, F. Muell.	"	·069	·095	·126	·177
106 B.	Do. - -	Do. - - -	"	·055	·076	·102	·149
109 A.	Swamp Mahogany -	Sophostemon sp. -	"	·088	·141	broke	..
109 B.	Do. - -	Do. - - -	"	·110	·195	"	..
111 A.	Water Gum - -	Callistemon sp. -	$1\frac{1}{16}$ by $1\frac{1}{16}$	·130	·200	·372	broke

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	3,640	·515	Good fracture.
..	..	..	..	..	..	4,480	·320	Cleavage only.
..	..	..	..	..	..	4,480	·374	Tolerably good fracture.
..	..	..	..	..	..	5,320	·454	Good fracture.
..	..	..	..	..	..	4,200	·170	Part long and part short fracture.
..	..	..	..	..	..	5,208	·636	Good tough fracture.
..	..	..	..	..	..	4,480	·384	Rather short fracture.
..	..	..	..	..	..	4,536	·440	Fibrous fracture; slight symptoms of dry rot.
..	..	..	..	..	..	3,892	·198	Very short and sudden fracture.
..	..	..	..	..	..	5,152	·255	Cleavage.
..	..	..	..	..	..	5,544	·281	Short fracture.
..	..	..	..	..	..	5,516	·305	Good fracture.
broke	..	..	..	..	..	5,936	·268	Rather short fracture.
..	..	..	..	..	..	5,320	·227	Cleavage and slight fracture.
broke	..	..	..	..	..	6,384	·370	Cleavage and fibres parted.
·282	broke	..	..	..	..	7,168	·318	Long and good fracture.
broke	..	..	..	..	..	5,852	·470	Very good fibrous fracture.
..	..	..	..	..	..	4,984	·460	Good fracture.
..	..	..	..	..	..	5,040	·482	Do.
..	..	..	..	..	..	5,292	·385	Tolerably good fracture.
·238	broke	..	..	..	..	7,504	·418	Good fibrous fracture and cleavage.
broke	..	..	..	..	..	6,440	·540	Good fibrous fracture.
..	..	..	..	..	..	4,844	·205	Rather short fracture.
..	..	..	..	..	..	5,152	·380	Cleavage in a shake and fibres parted.
broke	..	..	..	..	..	5,600	·322	Good fracture.
..	..	..	..	..	..	5,404	·308	Do.
broke	..	..	..	..	..	6,244	·275	Rather short fracture.
..	..	..	..	..	..	5,572	·233	Do. do.
..	..	..	..	..	..	2,576	·268	Short and sudden fracture.
..	..	..	..	..	..	2,240	·159	Do. do.
..	..	..	..	..	..	5,096	·182	Short fracture.
..	..	..	..	..	..	4,452	·244	Rather short fracture.
·278	broke	..	..	..	..	6,832	·400	Good fibrous fracture.
broke	..	..	..	..	..	6,356	·344	Rather short fracture; broke at a small knot.
·264	broke	..	..	..	..	7,112	·360	Cleavage.
broke	..	..	..	..	..	6,608	·350	Good fracture.
·158	·224	broke	..	..	..	7,840	·464	Long tough fracture.
·147	·207	„	..	..	..	8,232	·416	Do. do.
·220	broke	..	..	..	..	7,280	·448	Very good fibrous fracture.
·228	„	..	..	..	..	7,028	·493	Do. do.
broke	..	..	..	..	..	6,356	·490	Good fibrous fracture.
„	..	..	..	..	..	6,384	·512	Do. do.
„	..	..	..	..	..	6,494	·508	Good fracture.
·370	broke	..	..	..	..	7,000	·600	Good fibrous fracture.
..	..	..	..	..	..	3,640	·265	Short and sudden fracture.
..	..	..	..	..	..	3,360	·225	Do. do.
..	..	..	..	..	..	4,900	·410	Fibrous fracture.
..	..	..	..	..	..	4,984	·470	Good fracture.
..	..	..	..	..	..	4,312	·356	Do.
..	..	..	..	..	..	4,312	·167	Do.
·232	broke	..	..	..	..	7,196	·402	Fibres parted and cleavage.
·221	„	..	..	..	..	7,168	·463	Long fracture.
..	..	..	..	..	..	4,704	·310	Short and sudden fracture.
..	..	..	..	..	..	4,928	·244	Very short and sudden fracture.
..	..	..	..	..	..	4,256	·330	Very short fracture.
..	..	..	..	..	..	3,696	·300	Rather short fracture.
·292	broke	..	..	..	..	7,168	·523	Good fibrous fracture.
·254	„	..	..	..	..	7,280	·429	Good fibrous fracture and cleavage.
..	..	..	..	..	..	4,200	·280	Short fracture.
..	..	..	..	..	..	3,780	·289	Do.
..	..	..	..	..	..	5,208	·755	Do.

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
	NEW SOUTH WALES (NORTH).		" "				
111 B.	Water Gum		1 15/16 by 1 15/16	·126	·200	·359	broke
111 C.	Do.		"	·130	·204	·375	"
111 D.	Do.		"	·136	·216	·385	"
114 A.	Brush Iron Bark		"	·096	·154	broke	..
114 B.	Do.		"	·085	·130	·248s	broke
	NEW SOUTH WALES (SOUTH).						
1 A.	White or Pale Iron Bark.	Eucalyptus, sp.	1 15/16 by 1 15/16	·030	·044	·060	·076
1 B.	Do.	Do.	2 by 2	·043	·056	·072	·089
1 C.	Do.	Do.	1 15/16 by 1 15/16	·051	·065	·08	·098
1 D.	Do.	Do.	"	·052	·069	·087	·108
2 A.	White Iron Bark	Do.	2 by 2	·051	·071	·091	·116
2 B.	Do.	Do.	"	·047	·066	·085	·116
2 C.	Do.	Do.	"	·048	·072	·089	·118
3 A.	Iron bark	Do.	1 7/8 by 1 7/8	·062	·085	·117	·163
3 B.	Do.	Do.	2 by 2	·050	·066	·088	·113
3 C.	Do.	Do.	"	·057	·074	·096	·122
4 A.	Broad-leaved Rough Iron Bark.	Do.	"	·071	·096	·122	·152
4 B.	Do.	Do.	"	·060	·082	·110	·148
4 C.	Do.	Do.	"	·061	·082	·106	·146
4 D.	Do.	Do.	"	·058	·08	·104	·13
5 A.	Iron Bark	Do.	"	·048	·066	·084	·108
5 B.	Do.	Do.	"	·056	·078	·100	·125
5 C.	Do.	Do.	"	·074	·095	·116	·144
5 D.	Do.	Do.	"	·060	·077	·098	·122
7 A.	Narrow-leaved Smooth or Red Iron Bark.	Do.	1 15/16 by 1 14/16	·068	·092	·122	·156
7 B.	Do.	Do.	"	·065	·092	·119	·156
7 C.	Do.						
8 A.	Narrow-leaved Iron Bark.	Eucalyptus, sp.	2 by 2	·035	·05	·07	·09
8 B.	Do.		"	·0325	·05	·07	·11
8 C.	Do.	Eucalyptus, sp.	"	·050	·075	·100	·140
8 D.	Do.	Do.	"	·045	·070	·090	·125
10 A.	Box of Illawarra	Do.	1 13/16 by 1 13/16	·090	·1328	·316	broke
10 B.	Do.		"	·076	·111	·162	"
10 C.	Do.	Eucalyptus, sp.	2 by 2	·068	·098	·140	"
10 D.	Do.	Do.	2 by 1 15/16	·074	·092	·119	·162
11 A.	Bastard Box of Illawarra.	Do.	2 by 2	·058	·072	·087	·103
11 B.	Do.	Do.	"	·058	·078	·097	·119
11 C.	Do.						
11 D.	Do.						
12 A.	True or Yellow Box of Camden.	Eucalyptus corymbosa	2 by 2	·108	·176	broke	..
12 B.	Do.	Do.	"	·116	broke	..	..
12 C.	Do.	Do.	"	·129	·212s	broke	..
13 A.	Bastard Box	Eucalyptus sp.	"	·058	·076	·092	·111
13 B.	Do.	Do.	"	·058	·077	·100	·130
13 C.	Do.	Do.	"	·061	·079	·099	·126
13 D.	Do.	Do.	"	·052	·07	·09	·114
13 Ac.	Do.			..	..	..	..
13 Ad.	Do.			...	...	...	...
14 A.	Do.	Eucalyptus sp.	2 by 2	·054	·071	·087	·108
14 B.	Do.	Do.	"	·066	·09	·116	·156
14 C.	Do.			·06	·085	·12	·19
14 D.	Do.			·045	·065	·09	·115
15 A.	Box	Eucalyptus sp.	1 15/16 by 1 15/16	·106	·154	·258	broke
15 B.	Do.	Do.	2 by 2	·071	·104	·157	·311s
15 C.	Do.	Do.	1 15/16 by 1 15/16	·081	·120	·181	broke
16 A.	Flooded Gum	Do.	"	·106	·174	broke	..
17 A.	Dthackai Courroo	Do.	2 by 2	·064	·097	·117	·155

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	5,040	·540	Short fracture.
..	..	..	..	..	..	5,124	·634	Short and sudden fracture.
..	..	..	..	..	..	5,012	·918	Good tough fracture.
..	..	..	..	..	..	4,256	·319	Good fracture and slight cleavage.
..	..	..	..	..	..	4,732	·380	Good fibrous fracture.
·095	·123	·155	broke	..	..	9,912	·220	Cleavage only.
·108	·132	·168	·210	·288s	broke	11,648	·376	Cleavage and good fibrous fracture.
·12	·151	·205	·278 and ·308	..	..	10,080	·308	Cleavage.
·132	·16	·213	broke	..	..	9,996	·375	Good and long fibrous fracture.
·150	·224	broke	..	..	..	8,624	·380	Fracture and cleavage.
·160	broke	..	..	..	..	7,784	·295	Good fracture and cleavage.
·158	·229	broke	..	..	..	8,540	·376	
·235	broke	..	..	..	..	6,832	·428	Good fracture.
·147	·221	broke	..	..	..	8,204	·337	Good fracture and cleavage.
·161	broke	..	..	..	..	7,812	·330	Good fracture.
·209s	„	..	..	..	..	7,112	·290	Good fibrous fracture.
·182	„	..	..	..	..	7,560	·235	Cleavage.
·186	·288s	broke	..	..	..	8,316	·425	Cleavage and fibrous fracture; sap on the under side.
·173	broke	..	..	..	..	7,616	·24	Cleavage; fibre parted a little.
·138	·183	broke	..	..	..	8,792	·260	Good fibrous fracture.
·178s	·238	„	..	..	..	8,400	·415	Do.
·198s	·284	broke	..	..	..	7,840	·395	Good fracture.
·154	·196	„	..	..	..	8,736	·350	Good fibrous fracture.
·221	broke	..	..	..	..	7,364	·38	Good fibrous fracture and cleavage.
broke	..	..	..	..	..	6,244	·19	Cleavage.
·135	·215	..	..	..	..	7,952	..	
·16	broke	..	..	..	..	7,588	..	
·217	„	..	..	..	..	7,700	..	Good fibrous fracture.
·165	·270	broke	..	..	..	7,952	..	Long good fracture.
..	..	..	..	..	..	4,620	·415	Rather short diagonal fracture.
..	..	..	..	..	..	5,488	·506	Rather short fracture.
..	..	..	..	..	..	5,152	·294	Good fracture.
·230s	·438	broke	..	..	..	8,008	·636	Good fibrous fracture.
·128	·161	·232	broke	..	..	9,856	·44	Cleavage and good fibrous fracture.
·155	broke	..	..	..	..	7,308	·182	Cleavage.
..	..	..	..	..	..	3,808	·252	Short fracture.
..	..	..	..	..	..	3,192	·255	Rather short fracture; slightly worm-eaten.
..	..	..	..	..	..	3,416	·284	Good fracture.
·133	·170	·239	broke	..	..	9,408	·352	Exceedingly good fibrous fracture.
·168	·220	broke	..	..	..	8,400	·280	Cleavage.
·167	·234	„	..	..	..	8,372	·288	Do.
·149	·19	„	..	..	..	8,848	·297	Good fibrous fracture.
..	..	..	..	..	..	..	..	No experiments.
..	..	..	..	..	..	..	..	
·142	·197	broke	..	..	..	8,876	·335	Cleavage.
·219	broke	..	..	..	..	7,336	·297	Do.
broke	..	..	..	..	..	6,216	..	
·185	broke	..	..	..	..	7,280	..	
..	..	..	..	..	..	4,480	·350	Short fracture.
broke	..	..	..	..	..	5,600	·460	Good fracture, but inclined to be short.
..	..	..	..	..	..	5,432	·460	Good fracture.
..	..	..	..	..	..	4,256	·400	Rather short fracture.
·214	broke	..	..	..	..	7,728	·4	Good fibrous fracture.

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
	NEW SOUTH WALES (SOUTH).		" "				
17 B.	Dthackai Courroo	Eucalyptus, sp.	2 by 2	·052	·085	·124	·152
17 C.	Do.			·055	·085	·11	·15
17 D.	Do.			·045	·065	·09	·12
18 A.	Blue Gum of Coast Districts.	Eucalyptus, sp.	2 by 2	·107	·166	broke	..
18 B.	Do.	Do.	"	·100	·162	broke	..
18 C.	Do.	Do.	"	·078	·138	·283	broke
19 A.	Blue Gum of Camden	Do.	"	·106	·150s	broke	..
19 B.	Do.	Do.	"	·101	broke	..	..
19 C.	Do.	Do.	"	·101	·150	broke	..
19 D.	Do.	Do.	"	·103	·157	"	..
20 A.	Blue Gum	Do.	"	·116	·180	"	..
20 B.	Do.	Do.	"	·104	·157s	·264	broke
20 C.	Do.						
20 D.	Do.						
21 A.	Do.	Do.	"	·076	·101	·128	·163
21 B.	Do.	Do.	"	·080	·110	·140	·192
21 C.	Do.						
21 D.	Do.						
23 A.	Grey Gum	Do.	2 by $1\frac{15}{16}$	·074	·104	·142	·212
23 B.	Do.	Do.	2 by 2	·075	·103	·138	·190
23 C.	Do.						
23 D.	Do.						
24 A.	Woolly Butt of Illawarra.	Do.	"	·058	·080	·111	·153
24 B.	Do.	Do.	"	·078	·118	·155	·144
24 C.	Do.						
24 D.	Do.						
25 A.	Rough-barked Gum	Eucalyptus, sp.	2 by 2	·085	·111	·145	·196
25 B.	Do.	Do.	"	·093	·129	·170	·257s
25 C.	Do.						
25 D.	Do.						
26 C.	Spotted or Mottled Gum.			..	..	..	..
26 D.	Do.						
27 A.	Black Butt Gum	Eucalyptus media?	$1\frac{3}{16}$ by $1\frac{15}{16}$	·070	·092	·123	·182
27 B.	Do.	Do.	$1\frac{15}{16}$ by $1\frac{15}{16}$	·059	·090	·138	·251
27 C.	Do.	Do.	"	·076	·106	·158	·249
27 D.	Do.	Do.	"	·056	·081	·117	·178
37 A.		Eucalyptus, sp.	"	·071	·097	·130	·186
37 B.		Do.	$1\frac{3}{8}$ by $1\frac{3}{8}$	·082	·122	·173	broke
37 C.							
37 D.							
38 A.	Grey Gum from Brisbane Water.	Eucalyptus, sp.	2 by 2	·067	·089	·120	·156
38 B.	Do.	Do.	"	·062	·088	·123	·180
38 C.	Do.	Do.	"	·070	·094	·122	·166
38 D.	Do.	Do.	"	·060	·086	·121	·173
40 A.	Messmate	Do.	"	·070	·098	·140	·224
40 B.	Do.	Do.	"	·072	·103	·158	·248
40 C.	Do.	Do.	"	·074	·102	·137	·228
40 D.	Do.	Do.	"	·064	·092	·134	·204
42 A.	Swamp Mahogany	Do.	"	·100	·148	·242s	broke
42 B.	Do.	Do.	"	·072	·102	·153	·208
42 C.	Do.	Do.	"	·074	·115	·180	·348s
43 A.	Do.	Do.	"	·090	·151	broke	..
43 B.	Do.	Do.	"	·095	·140	·320	broke
43 C.	Do.	Do.	"	·112	·212	broke	..
43 D.	Do.	Do.	"	·096	·160	·420	broke
44 A.	Mahogany	Do.	"	·086	·12	·177	"
44 B.	Do.	Do.	"	·072	·099	·135	·19
44 C.	Do.						
44 D.	Do.						
46 A.	Stringy Bark of Coast	Do.	"	·070	·098	·131	·184
46 B.	Do.	Do.	"	·068	·094	·126	broke
46 C.	Do.	Do.	"	·057	·081	·114	·175
46 D.	Do.	Do.	"	·058	·080	·111	·15

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
·214	broke	..	..	..	..	7,728	·34	Cleavage, good fibrous fracture.
broke	..	..	..	..	..	6,570	..	
·18	broke	..	..	..	..	7,392	..	
..	..	..	..	..	..	4,032	·270	Good but not fibrous fracture.
..	..	..	..	..	..	4,144	·290	Fracture inclined to be short.
..	..	..	..	..	..	4,620	·446	Good fibrous fracture.
..	..	..	..	..	..	3,472	·190	} Rather short fracture; very much
..	..	..	..	..	..	3,360	·155	} worm-eaten.
..	..	..	..	..	..	3,360	·180	Rather short fracture; specimen worm-eaten.
..	..	..	..	..	..	3,472	·182	Do. do.
..	..	..	..	..	..	3,668	·215	Short fracture.
..	..	..	..	..	..	4,480	·288	Do.
·223	broke	..	..	..	..	7,728	·392	Good fibrous fracture.
·3208	,,	..	..	..	..	7,000	·402	Do.
broke	..	..	..	..	..	5,656	·260	Short fracture.
,,	..	..	..	..	..	6,440	·300	Do.
,,	..	..	..	..	..	6,720	·242	Fibres slightly parted, and slight cleavage.
,,	..	..	..	..	..	6,216	·395	Good fibrous fracture.
,,	..	..	..	..	..	6,636	·350	Tolerably good fracture; inclined to be short.
,,	..	..	..	..	..	5,824	·344	Tolerably good fracture.
..	..	..	..	..	..	..	..	No experiments.
broke	..	..	..	..	..	6,412	·299	Cleavage.
,,	..	..	..	..	..	6,104	·460	Good fibrous fracture.
,,	..	..	..	..	..	5,992	·416	Do.
·3178	broke	..	..	..	..	6,888	·358	
broke	..	..	..	..	..	6,720	·280	Long good fracture.
..	..	..	..	..	..	5,264	·286	Tolerably good fracture
broke	..	..	..	..	..	6,328	·245	Cleavage in a shake
,,	..	..	..	..	..	5,712	·210	Cleavage through centre
·230	broke	..	..	..	..	7,280	·295	Cleavage.
broke	..	..	..	..	..	6,104	·210	Do.
,,	..	..	..	..	..	5,880	·310	Short fracture.
,,	..	..	..	..	..	5,964	·340	Cleavage and fibres parted slightly.
,,	..	..	..	..	..	5,936	·316	Good fracture.
,,	..	..	..	..	..	6,216	·340	Do.
..	..	..	..	..	..	5,040	·525	Do.
broke	..	..	..	..	..	5,712	·556	Good fibrous fracture and cleavage; large worm-hole in centre of top side.
,,	..	..	..	..	..	5,600	·550	Good fibrous fracture.
..	..	..	..	..	..	4,480	·339	Very slight fracture.
..	..	..	..	..	..	4,704	·518	Good fracture.
..	..	..	..	..	..	4,088	·554	Do.
..	..	..	..	..	..	4,480	·594	Do.
..	..	..	..	..	..	5,516	·269	Rather short fracture.
broke	..	..	..	..	..	6,720	·307	Very short and sudden fracture.
,,	..	..	..	..	..	6,552	·295	Cleavage and fibres parted.
..	..	..	..	..	..	6,384	·485	Good fibrous fracture.
broke	..	..	..	..	..	5,880	·348	Good fibrous fracture; slightly worm-eaten.
·265	broke	..	..	..	..	6,720	·332	Do. do.

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
	NEW SOUTH WALES (SOUTH).		" "				
47 A.	Stringy Bark, Appin	Eucalyptus, sp.	2 by 2	·071	·092	·122	·171s
47 B.	Do.	Do.	"	·076	·100	·126	·170
47 C.							
47 D.							
48 A.	Stringy Bark, Camden.	Eucalyptus, sp.	"	·069	·091	·121	·189
48 B.	Do.	Do.	"	·073	·102	·147	·230
48 C.	Stringy Bark	Do.	"	·072	·096	·131	·195
48 D.	Do.	Do.	"	·057	·078	·108	·168
49 A.	Stringy Bark, Berrima.	Do.	"	·069	·098	·146	·261
49 B.	Do.	Do.	"	·078	·115	·184	broke
49 C.	Do.	Do.	"	·064	·093	·129	·246
49 D.	Do.	Do.	"	·073	·110	·182	broke
52 A.	Apple Tree of Coast	Angophora, sp.	"	·074	·109	·180	"
52 B.	Do.	Do.	"	·089	·182s	broke	"
52 C.	Do.	Do.	"	·076	·118	"	"
52 D.	Do.	Do.	"	·091	·148	"	"
53 A.	Apple Tree	Do.	$1\frac{1}{16}$ by $1\frac{1}{16}$	·124	broke	"	"
53 B.	Do.	Do.	"	·151	"	"	"
53 C.	Do.	Do.	"	·159	"	"	"
53 D.	Do.	Do.	"	·140	"	"	"
54 A.	Turpentine	Syncarpia, sp.	"	·078	·112	·163	broke
54 B.	Do.	Do.	"	·071	·104	·152	"
55 A.	Water Gum	Tristania veriifolia	$1\frac{1}{16}$ by $1\frac{1}{16}$	·081	·115	·171	·256
55 B.	Do.	Do.	"	·062	·111	·178	broke
57 A.	Hickory	Tristania, sp.	"	·077	·116	·173	·400
55 B.	Do.	Do.	2 by 2	·070	·115	·210	broke
57 C.	Do.	Do.	$1\frac{1}{16}$ by $1\frac{1}{16}$	·099	·156	·276	"
57 D.	Do.	Do.	"	·088	·135	·296	"
59 A.	Prickly Tea Tree	Melaleuca styphelioides	"	·106	·225s	broke	"
59 B.	Do.	Do.	"	·102	·210	"	"
60 A.	Common Tea Tree	Melaleuca uncinata	"	·106	·161	"	"
60 B.	Do.	Do.	"	·130	·236	"	"
60 C.	Do.	Do.	"	·118	·206s	"	"
64 A.	Broad-leaved Tea Tree.	Callisternon pallidum	"	·070	·102	·157	·245
64 B.	Do.	Do.	"	·083	·116	·165	broke
70 A.	Myrtle	Acmena	"	·078	·103	·154	·227
70 B.	Do.	Do.	"	·091	·130	·190	broke
84 A.	Black Wattle of Illawarra.	Acacia binervata	"	·068	·078	·111	·170
84 B.	Do.	Do.	"	·070	·094	·135	·206
105 A.	River, or White Oak	Casuarina, sp.	2 by 2	·078	·110	·152	·223
105 B.	Do.	Do.	"	·078	·122	·192	broke
108 A.	Beech Brush Cherry	Trochocarpa laurina	$1\frac{1}{16}$ by $1\frac{1}{16}$	·166	·315s	broke	"
108 B.	Do.	Do.	"	·154	·322	"	"
120 A.	Teak Wood	Endiandra glauca	2 by 2	broke	"	"	"
120 B.	Do.	Do.	"	·123	broke	"	"
125 A.	Maiden's Blush	- - - -	$1\frac{1}{16}$ by $1\frac{1}{16}$	broke	"	"	"
125 B.	Maiden's Blush; Ladies' Blush.	- - - -	2 by 2	·208	broke	"	"
125 C.	Do.	- - - -	"	·120	"	"	"
125 D.	Do.	- - - -	"	·169	"	"	"
127 A.	Tamarind Tree	Cupania Australis	"	·090	·176	broke	"
136 A.	White Myrtle, Blue Ash.	Aphanopitalum, sp.	"	·228	broke	"	"
136 B.	White Maple	- - - -	"	·128	"	"	"
136 C.	Do.	- - - -	"	·122	"	"	"
136 D.	Do.	- - - -	"	·174	"	"	"
137 A.	Wallandum Deyem	Pittosporum undulatum	$1\frac{1}{16}$ by $1\frac{1}{16}$	·100	·157	·271	broke
137 B.	Do.	Do.	2 by 2	·080	·116	·173	"

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
·279	broke	..	..	..	..	7,000	·365	Good fibrous fracture; started at a worm-hole.
·286s	"	..	..	..	..	6,720	·315	Rather short fibrous fracture.
broke	..	..	..	..	..	5,936	·284	Cleavage; slight shakes in specimen.
"	..	..	..	..	..	6,244	·380	Good fibrous fracture and cleavage.
"	..	..	..	..	..	6,572	·485	Good fibrous fracture.
"	..	..	..	..	..	6,384	·270	Fibres slightly parted, and cleavage.
"	..	..	..	..	..	5,600	·274	Sudden fracture; inclined to be short.
..	..	..	..	..	..	5,208	·330	Good fracture.
broke	..	..	..	..	..	5,768	·348	Fibres slightly parted, and cleavage.
..	..	..	..	..	..	5,124	·378	Good fibrous fracture.
..	..	..	..	..	..	4,760	·275	Good long fracture.
..	..	..	..	..	..	3,528	·479	Good, but not very fibrous, diagonal fracture.
..	..	..	..	..	..	4,480	·191	Cleavage in gum vein, and slight fibrous fracture.
..	..	..	..	..	..	4,060	·430	Not a good fracture; defective specimen.
..	..	..	..	..	..	2,800	·324	Short but slightly fibrous fracture.
..	..	..	..	..	..	2,856	·500	Rather short fracture.
..	..	..	..	..	..	3,192	·520	Tolerably good fracture.
..	..	..	..	..	..	3,024	·490	Good fracture.
..	..	..	..	..	..	5,544	·280	Rather short fracture.
..	..	..	..	..	..	5,376	·260	Do.
broke	..	..	..	..	..	6,440	·600	Good fracture.
..	..	..	..	..	..	5,600	·398	Do.
broke	..	..	..	..	..	5,600	·580	Good fracture; small fibres.
..	..	..	..	..	..	5,320	·550	Do. do.
..	..	..	..	..	..	5,208	·600	Do. do.
..	..	..	..	..	..	4,928	·554	Good fracture; small fibres; large worm-holes at end of specimen.
..	..	..	..	..	..	3,472	·295	Tolerably good fracture.
..	..	..	..	..	..	3,584	·292	Rather short fracture; small fibres.
..	..	..	..	..	..	4,256	·265	Rather short and sudden diagonal fracture.
..	..	..	..	..	..	3,472	·295	Do. do.
..	..	..	..	..	..	3,360	·260	Long diagonal fracture.
broke	..	..	..	..	..	5,678	·300	Rather short fracture.
..	..	..	..	..	..	5,432	·305	Part short and part long fracture.
broke	..	..	..	..	..	6,272	·400	Long diagonal fracture.
..	..	..	..	..	..	4,984	·284	Rather short fracture.
·353s	broke	..	..	..	..	6,916	·600	Good fracture; small fibres.
broke	..	..	..	..	..	6,720	·535	Do. do.
"	..	..	..	..	..	6,552	·430	Good, but rather short fracture.
..	..	..	..	..	..	5,460	·590	Do. do.
..	..	..	..	..	..	3,360	·370	Rather short fracture.
..	..	..	..	..	..	3,528	·508	Short, but fibrous fracture.
..	..	..	..	..	..	1,456	·170	
..	..	..	..	..	..	3,052	·230	Very short and sudden fracture; broke in two pieces.
..	..	..	..	..	..	2,184	·320	Short fracture.
..	..	..	..	..	..	2,576	·305	Very short fracture.
..	..	..	..	..	..	3,080	·222	Short fracture.
..	..	..	..	..	..	2,576	·230	Do.
..	..	..	..	..	..	3,808	·278	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	2,576	·425	Good fracture.
..	..	..	..	..	..	3,360	·268	Short fracture.
..	..	..	..	..	..	3,360	·236	Fracture inclined to be short; symptoms of dry rot.
..	..	..	..	..	..	3,080	·340	Do. do.
..	..	..	..	..	..	4,872	·370	Rather short diagonal fracture.
..	..	..	..	..	..	5,376	·482	Good fracture, not fibrous.

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
	NEW SOUTH WALES (SOUTH).		′ ″				
139 A.	White Myrtle, Blue Ash, and Ash.	- - - - -	- -	..	..	..	..
140 A.	Light Wood - -	Ceratopetalum apetalum	2 by 2	·145	broke	..	..
140 B.	Light Wood, Leather Jacket, Coach Wood.	Do. - - -	,,	·094	·176	broke	..
154 A.	Red Ash, Leather Jacket, Coopers' Wood.	Alphitonia, sp. - -	,,	·076	·114	·181	broke
154 B.	Do. - -	Do. - - -	,,	·083	·137	·242s	,,
155 A.	Found at Irrawarra	Rhamnaceæ - -	,,	·083	·114	·183	,,
155 B.	Do. - -	Do. - - -	,,	·074	·102	·158	,,
171 A.	White Beech, Beech	Vitex sp. - - -	,,	·188	broke	..	..
171 B.	Do. - -	Do. - - -	,,	broke	..	..	..
171 C.	Do. - -	Do. - - -	,,	,,	..	..	..
171 D.	Do. - -	Do. - - -	,,	·152	broke	..	..
177 A.	Mountain Ash -	Elæocarpus, sp. - -	$1\frac{3}{8}$ by $1\frac{7}{8}$	·082	·136	·360	broke
177 B.	Do. - -	Do. - - -	,,	·078	·126	broke	..
177 C.	Do. - -	Do. - - -	$1\frac{15}{16}$ by $1\frac{15}{16}$	·089	·154	,,	..
177 D.	Do. - -	Do. - - -	,,	·088	·166	,,	..
	NEW SOUTH WALES (FROM HUNTER RIVER).						
1 A.	Blue Gum - -	- - - - -	2 by 2	·063	·084	·117	·168
3 A.	Grey Gum - -	- - - - -	2 by $1\frac{15}{16}$	·067	·094	·128	·167
5 A.	Iron Bark - -	- - - - -	2 by 2	·050	·069	·092	·123
5 B.	Iron Bark - -	- - - - -	,,	·044	·063	·087	·113
6 B.	Mahogany - -	- - - - -	,,	·103	·150s	broke	..
7 A.	Tea Tree - -	- - - - -	,,	·144	broke	..	..
7 A*a*.	Do. - -	- - - - -	,,	broke	..	..	..
8 A.	Iron Bark - -	- - - - -	,,	·046	·057	·071	·087
8 B.	Do. - -	- - - - -	,,	·044	·057	·073	·087
9 A.	Blue Gum - -	- - - - -	,,	·052	·074	·108	·157s
A.	Pine - - -	- - - - -	,,	·107	·218	broke	..
	QUEENSLAND.						
1 A.	Bunya Bunya -	Arancaria Bidwillii, Hook.	2 by 2	·162	broke	..	..
1 B.	Do. - -	Do. - - -	,,	·151	,,	..	..
1 A*a*.	Do. - -	Do. - - -	,,	·192	,,	..	..
1 A*b*.	Do. - -	Do. - - -	,,	·164	,,	..	..
2 A.	Moreton Bay Pine -	Arancaria Cunninghamii, Ait.	,,	broke	..	..	..
2 B.	Do. - -	Do. - - -	,,	,,	..	..	..
2 A*a*.	Do. - -	Do. - - -	,,	·248	broke	..	..
2 A*b*.	Do. - -	Do. - - -	,,	·340	,,	..	..
4 A.	Cypress Pine -	Octoclinis Backhousi, Hill.	$1\frac{15}{16}$ by $1\frac{15}{16}$	broke	..	..	..
5 A.	She-Pine - -	Podocarpus elatus, R.B.	2 by 2	·114	broke	..	..
5 B.	Do. - -	Do. - - -	,,	·135	,,	..	..
5 A*a*.	Do. - -	Do. - - -	,,	·098	,,	..	..
5 A*b*.	Do. - -	Do. - - -	,,	·110	,,	..	..
6 A.	Forest Oak - -	Casuarina torulosa, R.B.	,,	·065	·088	·114	·153
6 B.	Do. - -	Do. - - -	,,	·073	·103	·136	broke
6 A*a*.	Do. - -	Do. - - -	,,	·186	·128	broke	..
6 A*b*.	Do. - -	Do. - - -	,,	·078	·117	,,	..
7 A.	River Oak - -	Casuarina distyla, Vent. -	2 by $1\frac{15}{16}$	·115	broke	..	..
8 A.	Shingle Oak - -	Casuarina stricta, R.B. -	2 by 2	·133	,,	..	..
8 B.	Do. - -	Do. - - -	,,	·109	,,	..	..
8 A*a*.	Do. - -	Do. - - -	,,	·101	,,	..	..
8 A*b*.	Do. - -	Do. - - -	,,	·116	,,	..	..

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	..	..	No experiments.
..	..	..	..	..	..	3,136	·410	Good fracture.
..	..	..	..	..	..	3,808	·290	Long fracture.
..	..	..	..	..	..	5,264	·294	Rather short fracture.
..	..	..	..	..	..	4,508	·315	Do. do.
..	..	..	..	..	..	4,648	·235	Short fracture.
..	..	..	..	..	..	5,320	·250	Cleavage and fibres parted slightly.
..	..	..	..	..	..	2,240	·198	Short and sudden fracture.
..	..	..	..	..	..	2,240	·276	Short fracture.
..	..	..	..	..	..	2,184	·200	Short diagonal fracture.
..	..	..	..	..	..	2,856	·260?	Fracture inclined to be short.
..	..	..	..	..	..	4,480	·400	Good fracture.
..	..	..	..	..	..	4,284	·390	Do.
..	..	..	..	..	..	3,808	·350	Not a very good fracture.
..	..	..	..	..	..	4,144	·350	Tolerably good fracture.
·254s	broke	..	..	..	..	7,000	·300	Good fracture.
·256s	..	..	..	..	..	7,168	·320	Very good fracture.
·173s	·270	broke	..	..	..	8,008	..	The fracture started with cleavage in a shake; fibres parted a little.
·160	·248s	broke	..	..	..	8,120	·405	Very good fracture and afterwards cleavage.
..	..	..	..	..	..	3,360	·150	Short and sudden fracture.
..	..	..	..	..	..	3,192	·214	Fracture quite short and sudden.
..	..	..	..	..	..	2,128	·152	Diagonal sudden fracture, not fibrous.
·106	·133	·171	broke	..	..	9,445	·200	Cleavage; fracture of one splinter.
·139s	·177	broke	..	..	..	9,156	·202	Part cleavage and part fracture.
·465	broke	..	..	..	..	6,860	·550	Cleavage and good fibrous gradual fracture.
..	..	..	..	..	..	3,845	·520	Fracture quite short and sudden; deflection at 1,120, ·058 lbs.
..	..	..	..	..	..	2,996	·334	Very short and sudden fracture.
..	..	..	..	..	..	3,052	·383	Short and sudden fracture.
..	..	..	..	..	..	2,660	·337	Do. do.
..	..	..	..	..	..	2,800	·315	Very short and sudden fracture.
..	..	..	..	..	..	2,240	·430	Short and sudden fractnre.
..	..	..	..	..	..	2,184	·394	Do. do.
..	..	..	..	..	..	2,427	·432	Do. do.
..	..	..	..	..	..	3,360	·395	Do. do.
..	..	..	..	..	..	2,240	·161	Short grain; sudden fracture.
..	..	..	..	..	..	3,024	·415	Fracture quite short.
..	..	..	..	..	..	3,080	·400	Broke short in two pieces.
..	..	..	..	..	..	3,248	·182	Very short and sudden fracture.
..	..	..	..	..	..	2,632	·150	Do. do.
broke	..	..	..	..	..	6,720	·231	Short and sudden fracture.
..	..	..	..	..	..	5,460	·176	Cleavage, and one splinter.
..	..	..	..	..	..	3,864	·210	Rather short fracture; symptoms of dry rot.
..	..	..	..	..	..	4,144	·350	
..	..	..	..	..	..	2,800	·200	Tolerable fracture; symptoms of dry rot.
..	..	..	..	..	..	2,632	·200	Short fracture; specimen slightly worm-eaten.
..	..	..	..	..	..	2,744	·214	Short fracture; dry rot.
..	..	..	..	..	..	3,192	·160	Very short fracture; symptoms of dry rot.
..	..	..	..	..	..	2,968	·255	Short fracture; symptoms of dry-rot.

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection			
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
	QUEENSLAND.		" "				
9 A.	Swamp Oak	Casuarina equisetifolia, L.	2 by 2	·058	·083	·116	·169
9 B.	Do.	Do.	"	·071	·102	·152	·257
10 A.	Red Cedar	Cedrela australis, Auct.	"	·188	broke	..	..
10 B.	Do.	Do.	"	broke	..	..	..
10 Aα.	Do	Do.	"	·234	broke	..	..
10 Aδ.	Do.	Do.	"	broke	..	..	..
11 A.	Light Yellow Wood	Oxleya Xanthoxylon, Hook.	"	·094	·165	broke	..
11 B.	Do.	Do.	"	·099	·201	"	..
11 Aα.	Do.	Do.	"	·094	·170	"	..
11 Aδ.	Do.	Do.	"	·116	·223	"	..
12 A.	Flindosa	Flindersia australis, R.B.	"	·063	·091	·124	·187
12 B.	Do.	Do.	"	·083	·121	·188	broke
12 Aα.	Do.	Flindersia australis	"	·060	·086	·121	·188
12 Aδ.	Do.	Do.	"	·066	·095	·145	·220
13 A.		Flindersia Bennettiana, F.M.	"	·070	·122	·358	broke
13 B.		Do.	"	·094	broke	..	..
13 Aα.		Do.	"	·092	·202	broke	..
13 Aδ.		Do.	"	·088	·145	"	..
14 A.		Flindersia Selwiniana, F.M.	"	broke	..	..	..
14 B.				..	..	..	..
15 A.	Silky Oak	Grevillea robusta, R.B.	2 by 2	·192	broke	..	..
15 B.	Do.	Do.	"	·152	"	..	..
15 Aα.	Do.	Do.	"	·137	"	..	..
15 Aδ.	Do.	Do.	"	·216	"	..	..
16 A.	Beef Wood	Banksia compar, R.B.	"	broke	..	..	..
16 B.	Do.	Do.	"	"	..	..	..
16 Aα.	Do.	Do.	"	"	..	..	..
16 Aδ.	Do.	Do.	"	"	..	..	..
17 A.	Tulip Tree	Agnostus sinuatus, A. Cunn.	"	·082	broke	..	..
17 Aδ.	Do.	Do.	"	·138	·373	broke	..
17 Aα.	Do.	Do.	"	·077	·153	"	..
17 Aδ.	Do.	Do.	"	·113	·251	"	..
18 A.		Aralia elegans, Cunn.	"	broke	..	..	..
18 B.		Do.	"	"	..	..	..
19 A.	Light Wood	Ceratopetalum apetalum, Don.	"	·078	·112	·160	·275
19 B.	Do	Do.	"	·070	·110	·209	broke
19 Aα.	Do.	Do.	"	·068	·100	·151	·267
19 Aδ.	Do.	Do.	"	·072	·115	·184	broke
20 A.	Callhum	Elæocarpus grandis, F.M.	"	·070	·096	·132	·185
20 B.	Do.	Do.	"	·065	·086	·111	·141
20 Aα.	Do.	Do.	"	·105	·266s	broke	..
20 Aδ.	Do.	Do.	"	·108	broke	..	..
20 Bα.	Do.	Do.	"	·106	"	..	..
20 Bδ.	Do.	Do.	"	·116	"	..	..
21 A.	Cabbage Tree	Corypha australis, R.B.	"	·160	"	..	..
21 B.	Do.	Do.	"	·122	"	..	..
23 A.	Mountain Ash	Alphitonia excelsa, Reisseck.	"	·074	·110	·175s	broke
23 B.	Do.	Do.	"	·086	·173s	broke	..
23 Aα.	Do.	Do.	"	·058	·080.	·107	·146
23 Aδ.	Do.	Do.	"	·066	·091	·125	·176
24 A.	Broad-leaved Cherry	Exocarpus latifolius, R.B.	"	·061	·082	·107	·140
24 B.	Do.	Do.	"	·067	·092	·121	·164

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
broke	..	..	..	..	..	5,852	·340	Tolerable fracture; specimen shaky, but without any apparent effect.
„	..	..	..	..	..	5,740	·344	Tolerable fracture.
..	..	..	..	..	..	2,520	·285	Diagonal cleavage.
..	..	..	..	..	..	1,120	·130	
..	..	..	..	..	..	2,296	·470	Rather short fracture.
..	..	..	..	..	..	1,848	·254	Rather short diagonal fracture.
..	..	..	..	..	..	4,312	·365	Short fracture.
..	..	..	..	..	..	3,920	·430	Good fracture.
..	..	..	..	..	..	4,088	·405	Cleavage; symptoms of dry rot.
..	..	..	..	..	..	3.668	·395	Good fracture; symptoms of dry rot.
·328	broke	..	..	..	..	7,252	·700	Good fracture; small fibres.
..	..	..	..	..	..	4,928	·250	Cleavage.
·410	broke	..	..	..	..	6,776	·530	Very good, part fracture and part cleavage.
broke	..	..	..	..	..	5,600	·762	Cleavage.
..	..	..	..	..	..	4,480	·400	Cleavage, and part fibrous fracture; symptoms of dry rot.
..	..	..	..	..	..	3,136	·180	Long fracture.
..	..	..	..	..	..	3,696	·286	Rather short and sudden fracture.
..	..	..	..	..	..	4,340	·300	Short and sudden fracture; symptoms of dry rot in specimen.
..	..	..	..	..	..	784	·210	Very short and sudden fracture; symptoms of dry rot.
..	..	..	..	..	..	..	..	No experiment.
..	..	..	..	..	..	2,688	·580	Tough, short, and rather fibrous fracture.
..	..	..	..	..	..	3,024	·655	Tough, short fracture.
..	..	..	..	..	..	2,996	·465	Rather short fibrous fracture.
..	..	..	..	..	..	2,380	·440	Do. do.
..	..	..	..	..	..	2,184	·430	Rather short fracture.
..	..	..	..	..	..	2,128	·345	Rather short fracture; symptoms of being worm-eaten.
..	..	..	..	..	..	2,044	·420	Short fracture.
..	..	..	..	..	..	1,904	·340	Do.
..	..	..	..	..	..	3,304	·325	Cleavage only.
..	..	..	..	..	..	3,528	·610	Tough, fibrous fracture.
..	..	..	..	..	..	3,752	·200	Cleavage; symptoms of dry rot.
..	..	..	..	..	..	3,556	·430	Good fracture; small fibres.
..	..	..	..	..	..	1,820	·370	Very short and sudden fracture; slight symptoms of dry rot.
..	..	..	..	..	..	859	·000	Very short fracture.
broke	..	..	..	..	..	5,936	·390	Rather long fracture.
..	..	..	..	..	..	5,376	·610	Good fracture.
broke	..	..	..	..	..	6,104	·450	Part of the fracture fibrous, and part inclined to be short; symptoms of dry rot.
..	..	..	..	..	..	5,404	·400	Good fracture and cleavage.
broke	..	..	..	..	..	5,936	·400	Defective.
·185	·238	broke	..	..	..	8,400	·300	Fibres slightly parted, and end cleavage.
..	..	..	..	..	..	3,360	·302	Good fracture.
..	..	..	..	..	..	3,192	·372	Tolerably good fracture.
..	..	..	..	..	..	3,052	·282	Fracture inclined to be short slight symptoms of dry rot.
..	..	..	..	..	..	3,360	·356	Good fracture; slight symptoms of dry rot.
..	..	..	..	..	..	2,744	·390	Cleavage.
..	..	..	..	..	..	2,408	·314	Do.
..	..	..	..	..	..	4,984	·320	Good fracture; symptoms of dry rot.
..	..	..	..	..	..	4,004	·396	Started in sap; symptoms of dry rot.
·210	broke	..	..	..	..	7,336	·340	Fibres slightly parted, and cleavage.
broke	..	..	..	..	..	6,048	·338	Good fracture.
„	..	..	..	..	..	6,384	·190	Short and sudden fracture.
„	..	..	..	..	..	6.88	·230	Cleavage.

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection			
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,60
	QUEENSLAND.		" "				
24 A*a*.	Broad-leaved Cherry	Exocarpus latifolius, R.B.	2 by 2	·058	·085	·119	·17
24 A*b*.	Do.	Do.	"	·055	·078	·105	·14
25 A.	Cherry	Exocarpus cupressiformis, R. B.	"	·186	broke	..	..
25 B.	Do.	Do.	"	·139	"	..	..
25 A*a*.	Do.	Do.	"	·106	·164	broke	..
25 A*b*.	Do.	Do.	"	·138	broke	..	..
28 A.	Mangrove	Avicennia tomentosa, L.	"	·123	"	..	..
28 B.	Do.	Do.	"	·102	·178	broke	..
28 A*a*.	Do.	Do.	"	·153	broke	..	..
28 A*b*.	Do.	Do.	"	·160	"	..	..
29 A.	Lignum Vitæ	Vitex lignum vitæ, A. Cunn.	"	·081	·112	·156	broke
29 B.	Do.	Do.	"	·081	·116	·162	"
29 A*a*.	Do.	Do.	"	·076	·103	·140	·21
29 A*b*.	Do.	Do.	"	·075	·107	·146	broke
30 A.	Beech	Tectona australis, Hill	"	·116	broke	..	..
30 B.	Do.	Do.	"	·134	"	..	..
30 A*a*.	Do.	Do.	"	·107	·308	broke	..
30 A*b*.	Do.	Do.	"	·100	·234	"	..
31 A.	White Cedar	Melia australis, F. M.	"	·163	broke	..	..
31 B.	Do.	Do.	"	·137	"	..	..
31 A*a*.	Do.	Do.	"	broke	..	..	..
31 A*b*.	Do.	Do.	"	"	..	..	..
32 A.	Plum Tree	Owenia venosa, F. M.	"	·073	·112	·200	broke
32 B.	Do.	Do.	"	·072	·120	·210	"
32 A*a*.	Do.	Do.	"	·062	·092	·147	broke
32 A*b*.	Do.	Do.	"	·088	·165	broke	..
33 A.	Rosewood		"	·089	·155	"	..
33 B.	Do.		"	·092	·192	"	..
33 A*a*.	Do.		"	·104	·244	"	..
33 A*b*.	Do.		"	·091	·203	"	..
34 A.	Dark Yellow Wood	Rhus elegans, Hill	"	·078	·125	·2358	broke
34 B.	Do.	Do.	"	·079	·138	·293	"
35 A.	Cugerie		"	·158	broke	..	..
35 B.	Do.		"	·170	"	..	..
35 A*a*.	Do.		"	·104	·278	broke	..
35 A*b*.	Do.		"	·110	·348	"	..
36 A.		Pseudalangium tomentosum, F. M.	"	·075	·109	·154	broke
36 B.		Do.	"	·080	·122	broke	..
36 A*a*.		Do.	"	·066	·094	·134	broke
36 A*b*.		Do.	"	·071	·108	·179	"
37 A*a*.		Capparis Mitchelli, Lindl.	"	broke	..	..	..
37 A*b*.		Do.	"	"	..	..	..
38 A.	Grey Plum	Busbeckea arborea, Endl.	"	·157	broke	..	..
38 B.	Do.	Do.	"	·137	"	..	..
38 A*a*.	Do.	Do.	"	·138	"	..	..
38 A*b*.	Do.	Do.	"	·102	"	..	..
39 A.	Sassafras	Atherosperma micranthum, Tulasne.	"	·132	"	..	..
39 B.	Do.	Do.	"	·102	·203	broke	..
39 A*a*.	Do.	Do.	"	·156	broke	..	..
39 A*b*.	Do.	Do.	"	·156	"	..	..
40 A.		Cupania sp.	"	·084	·142	broke	..
40 B.		Do.	"	·091	·144	..	..
40 A*a*.		Do.	"	·097	·138	·237	broke
40 A*b*.		Do.	"	·073	·106	·257	"

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
broke	..	..	..	..	..	6,692	·274	Cleavage in a shake in heart.
„	..	..	..	..	..	6,608	·390	Good fracture and cleavage.
..	..	..	..	..	..	3,080	·370	Very short and sudden fracture; dry rot on the upper side.
..	..	..	..	..	..	3,276	·275	Started at a worm hole.
..	..	..	..	..	..	4,368	·315	Short and sudden fracture.
..	..	..	..	..	..	3,304	·300	Do. do.
..	..	..	..	..	..	2,996	·396	Rather short fracture; symptoms of dry rot.
..	..	..	..	..	..	3,528	·268	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	2,408	·180	Very short and sudden fracture; dry rot.
..	..	..	..	..	..	2,884	·260	Diagonal fracture: symptoms of dry rot.
..	..	..	..	..	..	5,488	·210	Very short and sudden fracture.
..	..	..	..	..	..	5,572	·231	Short and sudden fracture.
broke	..	..	..	..	..	5,600	·246	Fracture inclined to be short; started at a worm hole and broke suddenly.
..	..	..	..	..	..	5,600	·206	Sudden fracture; inclined to be short.
..	..	..	..	..	..	3,304	·291	Good fracture.
..	..	..	..	..	..	3,024	·270	Do.
..	..	..	..	..	..	3,360	·355	Fibrous fracture.
..	..	..	..	..	..	3,416	·315	Tolerably good fracture.
..	..	..	..	..	..	2,464	·212	Fracture inclined to be short.
..	..	..	..	..	..	2,464	·198	Rather short fracture.
..	..	..	..	..	..	2,184	·176	Do. do.
..	..	..	..	..	..	1,307	·120	
..	..	..	..	..	..	5,264	·520	Good fibrous fracture.
..	..	..	..	..	..	5,124	·474	Fibres slightly parted, and cleavage shaky.
..	..	..	..	..	..	5,488	·429	Good fracture.
..	..	..	..	..	..	4,256	·410	Long diagonal fracture; splinters flew out.
..	..	..	..	..	..	4,452	·387	Tough cleavage only.
..	..	..	..	..	..	4,004	·410	Good fracture; inclined to be short.
..	..	..	..	..	..	3,472	·380	Rather short fracture.
..	..	..	..	..	..	3,472	·380	Do. do.
..	..	..	..	..	..	4,648	·280	Good fracture.
..	..	..	..	..	..	4,620	·350	Rather long but not fibrous fracture.
..	..	..	..	..	..	2,800	·320	Short fracture.
..	..	..	..	..	..	2,464	·310	Do.
..	..	..	..	..	..	3,388	·388	Good fibrous fracture.
..	..	..	..	..	..	3,360	·452	Do. do.
..	..	..	..	..	..	5,012	·190	Rather short fracture.
..	..	..	..	..	..	4,480	·240	Cleavage in a shake.
..	..	..	..	..	..	5,600	·214	Very short fracture.
..	..	..	..	..	..	4,480	·198	Cleavage in shake.
..	..	..	..	..	..	1,036	·350	Very short fracture.
..	..	..	..	..	..	728	·195	Very short and sudden fracture.
..	..	..	..	..	..	2,520	·190	Very short fracture; symptoms of dry rot.
..	..	..	..	..	..	2,576	·190	Brittle; diagonal cleavage.
..	..	..	..	..	..	3,576	·213	Very short fracture; symptoms of dry rot in specimen.
..	..	..	..	..	..	2,408	·144	Do. do.
..	..	..	..	..	..	3,052	·275	Long but not fibrous fracture.
..	..	..	..	..	..	3,556	·280	Short fracture.
..	..	..	..	..	..	3,108	·365	Short fracture; not a good specimen.
..	..	..	..	..	..	2,744	·480	Cleavage in a shake, and fibres parted slightly.
..	..	..	..	..	..	3,696	·186	Short fracture; shakes in specimen.
..	..	..	..	..	..	4,200	·264	Very short fracture.
..	..	..	..	..	..	4,480	·240	Very short and sudden fracture.
..	..	..	..	..	..	5,040	·200	Short and sudden fracture; symptoms of dry rot in specimen.

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection			
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
	QUEENSLAND.		" "				
41 A.	- - - -	Cupania pseudorchus, A. Rich.	$1\frac{1}{16}$ by $1\frac{1}{16}$	·154	broke	..	..
41 B.	- - - -	Do. - - -	2 by 2	·141	"	..	..
43 A.	Tamarind Tree -	Cupania australis, Hook.	"	·155	"	..	..
43 B.	Do. - -	Do. - - -	"	broke	..	..	..
43 A*a*.	Do. - -	Do. - - -	"	·094	·168	broke	..
43 A*b*.	Do. - -	Do. - - -	"	·135	broke	..	..
44 A.	Tulip Wood - -	Harpulia pendula, Planch.	"	·062	·093	·147	·209
44 B.	Do. - -	Do. - - -	"	·072	·109	·174	broke
44 A*a*.	Do. - -	Do. - - -	"	·060	·086	·125	·205
44 A*b*.	Do. - -	Do. - - -	"	·060	·091	·141	·236
45 A.	- - -	Schmidelia pyriformis, F. M.	"	·063	·087	·174	broke
45 B.	- - -	Do. - - -	"	·076	·123	·251	"
45 A*a*.	- - - -	Do. - - -	"	·083	·128	·228	"
45 A*b*.	- - - -	Do. - - -	"	·064	·095	·159	"
46 A.	- - - -	Catha Cunninghami, Hook.	"	·090	·129	·219	"
46 B.	- - - -	Do. - - -	"	·097	·150	broke	..
46 A*a*.	- - - -	Do. - - -	"	·081	·122	·192	broke
46 A*b*.	- - - -	Do. - - -	"	·085	·136	·244	"
47 A.	Lime - - -	Citrus australis, R. B.	"	·081	·135	·260	"
47 B.	Do. -	Do. - - -	"	·092	·174	broke	..
47 A*a*.	Do. - -	Do. - - -	"	·100	broke	..	..
47 A*b*.	Do. - -	Do. - - -	"	·092	"	..	..
48 A.	- - - -	Cyminosma oblongifolia, Gærtn.	"	·072	·098	·135	·205
48 B.	- - - -	Do. - - -	"	·062	·088	·122	broke
48 A*a*.	- - - -	Do. - - -	"	·056	·079	·104	·142
48 A*b*.	- - - -	Do. - - -	"	·065	·090	·120	broke
49 A.	- - - -	Mimusops parviflora, Linn. - - -	"	·114	·199	broke	..
49 B.	- - - -	Do. - - -	"	·111	·198	broke	..
49 A*a*.	- - - -	Do. - - -	"	·084	·120	·217	broke
49 A*b*.	- - - -	Do. - - -	"	·082	·133	broke	..
50 A.	- - - -	Maba geminata, R. B. -	"	·118	·230	"	..
50 B.	- - - -	Do. - - -	"	·116	broke	..	..
50 A*a*.	- - - -	Do. - - -	"	·076	·118s	broke	..
50 A*b*.	- - - -	Do. - - -	"	·102	broke	..	..
51 A.	- - -	Cargillia australis, R. B.	"	·142	"	..	..
51 B.	- - - -	Do. - - -	"	·158	"	..	..
52 A.	- - - -	Hodgkinsonia ovatiflora, F. M.	"	·120	broke	..	..
52 B.	- - - -	Do. - - -	"	·158	"	..	..
52 A*a*.	- - - -	Do. - - -	"	·085	·140	broke	..
52 A*b*.	- - - -	Do. - - -	"	·100	·178	"	..
53 A.	- - - -	Myrtus trinervis, R. B. -	"	·080	·118	·209	broke
53 B.	- - - -	Do. - - -	"	·088	·152	·304	"
53 A*a*.	- - - -	Do. - - -	"	·080	·122	·204	"
53 A*b*.	- - - -	Do. - - -	"	·086	·147	·275	"
54 A.	- - -	Myrtus argentea, Hill -	"	·077	·110	·157	"
54 B.	- - - -	Do. - - -	"	·083	·129	·228	"
54 A*a*.	- - - -	Do. - - -	"	·081	·122	·189	"
54 A*b*.	- - - -	Do. - - -	"	·095	·152	broke	..
55 A.	- - - -	Backhousia citriodora, F. M.	"	·077	·119	·204	broke
55 B.	- - - -	Do. - - -	"	·074	·106	·163	·351

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	3,164	·432	Tolerable fracture; defective specimen.
..	..	..	..	..	..	2,800	·240	Short fracture; defective specimen.
..	..	..	..	..	..	2,548	·300	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	1,456	·095	Do. do.
..	..	..	..	..	..	3,360	·210	Very short fracture; dry rot in specimen.
..	..	..	..	..	..	2,240	·135	Do. do.
broke	..	..	..	..	..	5,992	·424	Good fibrous fracture.
..	..	..	..	..	..	5,516	·430	Good fracture.
broke	..	..	..	..	..	6,384	·301	Rather short fracture.
,,	..	..	..	..	..	5,880	·330	Fibres slightly parted, and cleavage.
..	..	..	..	..	..	4,760	·220	Rather long but not fibrous fracture.
..	..	..	..	..	..	4,760	·340	Long diagonal fracture.
..	..	..	..	..	..	4,984	·324	Tolerably good fracture, but inclined to be short.
..	..	..	..	..	..	5,040	·270	Tolerably good fracture.
..	..	..	..	..	..	4,536	·245	Short and sudden fracture.
..	..	..	..	..	..	4,284	·290	Do. do.
..	..	..	..	..	..	5,376	·320	Good fracture; shaky.
..	..	..	..	..	..	4,592	·380	Fracture inclined to be short; symptoms of dry rot.
..	..	..	..	..	..	4,816	·378	Very short and sudden fracture; Symptoms of dry rot.
..	..	..	..	..	..	3,808	·278	Do. do.
..	..	..	..	..	..	3,136	·180	Do. do.
..	..	..	..	..	..	3,080	·175	Do. do.
broke	..	..	..	..	..	6,384	·398	Good fracture.
..	..	..	..	..	..	5,600	·174	Fracture quite short.
·222	broke	..	..	..	..	7,252	·410	Good fracture.
..	..	..	..	..	..	5,348	·180	Cleavage in a shake.
..	..	..	..	..	..	3,640	·250	Short and sudden fracture; symptoms of dry rot.
..	..	..	..	..	..	3,584	·260	Half very short and half cleavage; symptoms of dry rot.
..	..	..	..	..	..	4,480	·290	Very short fracture.
..	..	..	..	..	..	4,200	·260	Do. do.
..	..	..	..	..	..	3,360	·275	Cleavage; considerable symptoms of dry rot.
..	..	..	..	..	..	2,716	·200	Short fracture; considerable symptoms of dry rot.
..	..	..	..	..	..	3,584	·172	Good fracture; considerable symptoms of dry rot.
..	..	..	..	..	..	2,632	·216	Short fracture; considerable symptoms of dry rot.
..	..	..	..	..	..	2,856	·314	Fibres slightly fractured, and cleavage; considerable symptoms of dry rot.
..	..	..	.	..	..	2,800	·320	End cleavage in a shake; considerable symptoms of dry rot.
..	..	..	..	..	..	2,856	·180	Very short and sudden fracture.
..	..	..	..	..	..	2,968	·250	Short and sudden fracture.
..	..	..	..	..	..	3,920	·195	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	3,920	·175	Very short fracture.
..	..	..	..	..	..	5,320	·480	Good fracture.
..	..	..	..	..	..	4,928	·470	Do.
..	..	..	..	..	..	4,732	·252	Very short fracture.
..	..	..	..	..	..	4,732	·355	Good but rather short fracture, and cleavage in a shake.
..	..	..	..	..	..	5,488	·264	Short fracture.
..	..	..	..	..	..	5,040	·350	Very short fracture.
..	..	..	..	..	..	5,600	·391	Short fracture.
..	..	..	..	..	..	3,528	·249	Rather short fracture; shaky specimen.
..	..	..	..	..	..	5,152	·530	Good fracture; small fibres.
broke	..	..	..	..	..	5,628	·530	Do. do.

D

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection			
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
	QUEENSLAND.		" "				
55 A*a*.	- - - -	Backhousia citriodora, F.M.	2 by 2	·076	·115	·186	broke
55 A*b*.	- - - -	Do. - - -	"	·104	·167	broke	..
56 A.	- - - -	Eugenia marginata, Hill.	"	·161	broke	..	..
56 B.	- - - -	Do. - - -	"	·184	"	..	..
56 A*a*.	- - - -	Do. - - -	"	·116	"	..	..
56 A*b*.	- - - -	Do. - - -	"	·178	"	..	..
57 A.	Ironwood - -	Eugenia, sp. - -	"	·064	·094	·140	·210
57 B.	Do. - -	- - - - -	"	·015	·098	·158	·275
58 A.	Myrtle - -	Backhousia myrtifolia, Hook.	"	·056	·078	·110	·160
58 B.	Do. - -	Do. - - -	"	·068	·094	·136	·205
58 A*a*.	Do. - -	Do. - - -	"	·068	·097	·137	·210
59 A.	- - - -	Myrtus acmenoides, F. M.	"	·079	·124	·280	broke
59 B.	- - - -	Do. - - -	"	·097	·188	broke	..
58 A*a*.	- - - -	Do. - - -	"	·125	·325	"	..
59 A*b*.	- - - -	Do. - - -	"	·112	·286	"	..
60 A.	- - - -	Myrtus australis, Hill -	"	·088	·135	·224	broke
60 B.	- - - -	Do. - - -	"	·102	·161	broke	..
60 A*a*.	- - - -	Do. - - -	"	·092	·137	·230	broke
61 A.	(Name in natural order.)	Myrtaceæ - -	"	·065	·085	·112	·148
61 B.	- - - -	- - - - -	"	·067	·094	·132	·179
61 A*a*.	(Name in natural order.)	Myrtaceæ - -	"	·066	·091	·126	·178
61 A*b*.	- - - -	- - - - -	"	·074	·103	·145	broke
62 A.	Box - - -	Lophostemon macrophyllum, R. B.	"	·110	·181	broke	..
62 B.	Do. - -	Do. - - -	"	·114	·185	broke	..
62 A*a*.	Do. - -	Do. - - -	"	·130	broke	..	..
62 A*b*.	Do. - -	Do. - - -	"	·130	"	..	..
63 A.	Black Iron Bark -	Eucalyptus, sp. - -	"	·053	·070	·092	·130
63 B.	Do. - -	- - - - -	"	·061	·088	·122	·178
63 A*a*.	Do. - -	Eucalyptus, sp. - -	"	·059	·078	·104	·144
63 A*b*.	Do. - -	Do. - - -	"	·063	·085	·110	·145
64 A.	Grey Iron Bark -	Do. - - -	"	·051	·068	·090	·122
64 B.	Do. - -	- - - - -	"	·060	·083	·113	·161
64 A*a*.	Do. - -	Eucalyptus, sp. - -	"	·052	·069	·090	·118
64 A*b*.	Do. - -	- - - - -	"	·055	·078	·105	·144
65 A.	Red Iron Bark -	Eucalyptus, sp. - -	"	·054	·072	·096	·128
65 B.	Do. - -	- - - - -	"	·049	·069	·095	·126
65 A*a*.	Do. - -	Eucalyptus, sp. - -	"	·054	·073	·098	·133
65 A*b*.	Do. - -	- - - - -	"	·055	·074	·098	·130
66 A.	Stringy Bark -	Eucalyptus, sp. - -	"	·069	·094	·129	broke
66 B.	Do. - -	- - - - -	"	·066	·093	·130	·205
66 A*a*.	Do. - -	Eucalyptus, sp. - -	"	·070	·095	·130	broke
66 A*b*.	Do. - -	- - - - -	"	·060	·085	·119	·203
67 A.	Spotted Gum -	Eucalyptus maculatus, Hook.	"	·060	·082	·108	·144
67 B.	Do. - -	Do. - - -	"	·059	·080	·105	·140
67 A*a*.	Do. - -	Do. - - -	"	·052	·071	·094	·121
67 A*b*.	Do. - -	Do. - - -	"	·055	·076	·102	·140
68 A.	Turpentine Tree -	Eucalyptus, sp. - -	"	·062	·082	·110	broke
68 B.	Do. - -	- - - - -	"	·064	·087	·118	·195
68 A*a*	Do. - -	Eucalyptus, sp. - -	"	·060	·084	·120	·178
68 A*b*.	Do. - -	Do. - - -	"	·063	·087	·120	·183
69 A.	Smooth-barked Gum	Do. - - -	"	·075	.114	·196	broke
69 B.	Do. - -	- - - - -	"	·087	·140	·260s	"
69 A*a*.	Do. - -	Eucalyptus, sp. - -	"	·098	·200s	broke	..
69 A*b*.	Do. - -	- - - - -	"	·084	·136	·293	broke
70 A.	Blood Wood -	Eucalyptus paniculatus, Sm.	"	·120	·191	broke	..
70 B.	Do. - -	Do. - - -	"	·107	·200	"	..
70 A*a*.	Do. - -	Do. - - -	"	·110	·174	"	..
70 A*b*.	Do. - -	Do. - - -	"	·103	·166	"	..
71 A.	Swamp Mahogany -	Angophora, sp. - -	2 by $1\frac{11}{16}$	·060	·084	"	..
71 B.	Do. - -	- - - - -	2 by 2	·054	·076	·101	·144

TABLE II.—*continued.*

Weight of					Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	4,956	·300	Rather short fracture.
..	..	..	..	..	3,864	·33	Do. do.
..	..	..	..	..	3,304	·955	Tough; good fibrous fracture.
..	..	..	..	..	3,080	·980	Do. Do.
..	..	..	..	..	3,248	·360	Tolerably good fracture; slight symptoms of dry rot.
..	..	..	..	..	2,800	·422	Do. do. do.
..	..	..	..	..	6,608	·500	Very good fibrous fracture and cleavage.
..	..	..	..	..	6,384	·500	Good fibrous fracture.
broke	..	..	..	..	6,888	·308	Tolerably good fracture.
..	..	..	..	..	6,412	·314	Cleavage.
..	..	..	..	..	5,796	·238	Cleavage only.
..	..	..	..	..	4,620	·360	Long fracture.
..	..	..	..	..	3,360	·540	Tough; good fracture.
..	..	..	..	..	3,556	·540	Good fracture; small fibres.
..	..	..	..	..	3,528	·470	Good long fracture.
..	..	..	..	..	4,676	·320	Good fracture, but not very fibrous.
..	..	..	..	..	4,032	·364	Long fracture.
..	..	..	..	..	5,152	·373	Short and sudden fracture.
broke	..	..	..	..	7,616	·290	Good fracture.
..	..	..	..	..	6,608	·275	Fibres slightly parted, and cleavage.
..	..	..	..	..	6,608	·283	Tolerably good fracture: diagonal grain.
..	..	..	..	..	5,432	·240	Cleavage only; shaky specimen.
..	..	..	..	..	4,060	·278	Rather short fracture.
..	..	..	..	..	4,144	·292	Rather short fracture; symptoms of dry-rot.
..	..	..	..	..	3,136	·220	Short fracture.
..	..	..	..	..	3,332	·226	Short and sudden fracture.
·216	broke	..	..	..	8,344	·383	Good fracture.
..	..	..	..	..	6,118	·235	Cleavage in a shake.
broke	..	..	..	..	7,504	·336	Fibres parted, and cleavage.
„	..	..	..	..	7,504	·315	Do. do.
„	..	..	..	..	7,616	·384	Good fibrous fracture.
..	..	..	..	..	6,496	·300	Cleavage in a shake.
·235	broke	..	..	..	8,400	·380	Long, good, fibrous fracture.
broke	..	..	..	..	7,392	·390	Good fibrous fracture.
„	..	..	..	..	7,224	·235	Two splinters, and cleavage.
„	..	..	..	..	7,280	·320	Good fibrous fracture.
„	..	..	..	..	7,728	·318	Do. do.
„	..	..	..	..	7,392	·270	Cleavage, and fibres parted.
..	..	..	..	..	5,600	·218	Fibres parted, and cleavage.
..	..	..	..	..	5,600	·274	Fibrous fracture.
..	..	..	..	..	5,488	·208	Good fracture.
..	..	..	..	..	5,600	·244	Cleavage, and fibres parted.
broke	..	..	..	..	7,224	·390	Long fracture.
„	..	..	..	..	7,672	·370	Good long fracture.
·298	broke	..	..	..	8,064	·350	Long fracture; slight shake.
broke	..	..	..	..	7,168	·308	Long fracture; cleavage in a shake.
..	..	..	..	..	5,376	·180	Cleavage only.
..	..	..	..	..	6,104	·406	Good gradual fracture.
..	..	..	..	..	6,104	·270	Good fracture; worm-eaten.
..	..	..	..	..	6,272	·320	Long, good fracture.
..	..	..	..	..	4,844	·275	Cleavage.
..	..	..	..	..	4,592	·564	Cleavage, and fibres parted.
..	..	..	..	..	3,808	·514	Good fracture and cleavage.
..	..	..	..	..	4,620	·482	Good fracture.
..	..	..	..	..	3,836	·268	Rather short fracture.
..	..	..	..	..	3,500	·268	Do. do.
..	..	..	..	..	4,368	·286	Cleavage only.
..	..	..	..	..	4,228	·286	Rather short fracture; shaky specimen.
..	..	..	..	..	4,200	·120	Cleavage in gum vein.
broke	..	..	..	..	6,720	·315	Cleavage, and fibres parted.

TABLE II.—*continued.* - - -

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflect		
				lbs. 2,240	lbs. 3,360	lbs. 4,480
	QUEENSLAND.		" "			
71 A*a*.	Swamp Mahogany -	Angophora, sp. - -	2 by 2	·074	·096	·182s
72 A.	Woolly Butt -	Eucalyptus, sp. - -	"	·056	·072	·096
72 B.	Do. - -	- - - - -	"	·055	·078	·108
72 A*a*.	Do. - -	Eucalyptus, sp. - -	"	·052	·072	·106s
72 A*b*.	Do. - -	- - - - -	"	·051	·070	·092
73 A.	Blue Gum - -	Eucalyptus, sp. - -	"	·070	·096	·156
73 B.	Do. - -	- - - - -	"	·074	·106	·158
73 A*a*.	Do. - -	Eucalyptus, sp. - -	"	·070	·100	·158
73 A*b*.	Do. - -	Do. - - -	"	·072	·110	·180
76 A.	Prickly-leaved Tea Tree.	Melaleuca styphelioides, Smith.	"	·120	·200	broke
76 B.	Do. - -	Do. - - -	"	·138	·300s	"
76 A*a*.	Do. - -	Do. - - -	"	·152	broke	..
76 A*b*.	Do. - -	Do. - - -	"	·140	"	..
77 A.	Broad-leaved Tea Tree.	Callistemon salignum -	"	·122	·250s	broke
77 B.	Do. - -	Do. - - -	"	·123	·238s	"
79 A.	Common Tea Tree -	Melaleuca uncinata, Sm.	"	·084	·122	·197
79 B.	Do. - -	Do. - - -	"	·094	·138	·218
79 A*a*.	Do. - -	Do. - - -	"	·087	·125	broke
79 A*b*.	Do. - -	Do. - - -	"	·089	·127	·199
80 A.	Bottle Brush Tree -	Callistemon lanceolatum, Dec.	"	·118	·193	·406
80 B.	Do. - -	Do. - - -	"	·136	·218	·465
80 A*a*.	Do. - -	Do. - - -	"	·100	·152	·289
80 A*b*.	Do. - -	Do. - - -	"	·112	·186	·339
81 A.	- - - -	Croton phebalioides, R. B.	"	·067	·104	·169
81 B.	- - - -	Do. - - -	"	·063	·092	broke
81 A*a*.	- - - -	Do. - - -	"	·057	·084	·125
81 A*b*.	- - - -	Do. - - -	"	·070	.110	broke
83 A.	- - - -	Rottlera - -	"	·098	broke	..
83 B.	- - - -	Do. - - -	"	·098	"	..
83 A*a*.	- - - -	Do. - - -	"	·078	·115	broke
83 A*b*.	- - - -	Do. - - -	"	·090	broke	..
84 A.	Satin Wood - -	Xanthoxylon australis -	"	·068	·100	broke
84 B.	Do. - -	Do. - - -	"	·068	·114	·236
84 A*a*.	Do. - -	Do. - - -	"	·062	·103	·204
84 A*b*.	Do. - -	Do. - - -	"	·061	·096	·168
86 A.	- - - -	- - - - -	- - -	..	..	..
86 B.	- - - -	- - - - -	- - -	..	..	..
87 A.	Leichhardt's Wood	Sarcocephalus ovalifolius; Rubiaceæ.	2 by 2	·177	broke	..
87 B.	Do. - -	Do. - - -	"	broke	..	..
88 A.	- - - -	Bursaria ferruginea, H.	"	·068	·095	·135
88 B.	- - - -	Do. - - -	"	·068	·098	·146
88 A*a*.	- - - -	Do. - - -	"	·060	·088	·172
88 A*b*.	- - - -	Do. - - -	"	·068	·097	·139
89 A.	- - - -	Bursaria spinosa, Car. -	"	·083	·128	broke
89 B.	- - - -	Do. - - -	"	·080	·135	"
90 A.	(Name in natural order.)	Pittosporaceæ - -	"	·068	·100	·143
90 B.	- - - -	- - - - -	"	·086	·121	·190s

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..				..	6,048	·295	Started at a flaw in specimen; fibrous fracture in centre.
·1738	broke				..	7,112	·234	Cleavage, and fibres slightly parted.
·214	"				..	7,112	·430	Cleavage, part through gum vein, and fibres slightly parted.
broke	..				..	6,720	·254	Cleavage at one end in shake, at the other end in gum vein, and fibres parted.
·164	broke				..	7,784	·294	Cleavage, and fibres slightly parted.
broke	"		..		..	5,992	·480	Good fibrous fracture.
..	..		..		..	5,544	·430	Do. do.
..	..		..		..	5,600	·310	Cleavage, and fibres parted slightly.
..	..		..		..	5,516	·450	Good fibrous fracture.
..	..		..		..	3,360	·284	Rather short fracture.
..	..		..	..	..	3,528	·350	Good fracture.
..	..		..	..	..	2,968	·300	Short fracture, and cleavage in a shake.
..	..		..	..	..	3,108	·240	Very short fracture, and cleavage in a shake.
..	..		..	..	..	3,360	·385	Long fracture; started at a knot.
..	..		..	..	..	3,584	·413	Fibrous fracture, and cleavage in a shake.
..	..		..	..	..	5,432	·379	Cleavage, and fibres parted slightly.
..	..		..	..	..	4,844	·316	Do. do.
..	..		..	..	..	4,368	·236	Cleavage, and fibres parted slightly; started in shake.
..	..		..	..	..	4,984	·382	Very slight cleavage.
..	..		..	..	..	4,956	·735	Part short and part fibrous fracture.
..	..		..	..	..	5,096	1·050	Good fracture; small fibres.
..	..		..	..	..	5,432	·820	Good fibrous fracture.
..	..		..	..	..	5,404	·890	Do. do.
..	..		..	..	..	4,480	·200	Very short and sudden fracture; symptoms of dry rot.
..	..	..	..	..	..	3,416	·160	Do. do.
..	..	..	..	..	..	5,320	·184	Very short fracture; large symptoms of dry rot.
..	..	..	..	..	..	3,920	·140	Very short fracture; dry rot.
..	..	..	..	..	..	2,352	·130	Very short fracture; symptoms of dry rot.
..	..	..	..	..	..	2,716	·140	Do. do.
..	..	..	..	..	..	4,032	·150	Rather short fracture; slight symptoms of dry rot.
..	..	..	..	..	..	3,360	·150	Short fracture; started at a shake.
..	..	..	..	..	..	4 424	·210	Short fracture; slight symptoms of dry rot.
..	..	..	..	..	..	4,760	·308	Very short fracture; symptoms of dry rot.
..	..	..	..	..	..	4,704	·260	Very short and sudden fracture; symptoms of dry rot.
..	..	..	..	..	..	4,872	·210	Do. do.
..	..	..	..	..	..	..	..	No experiments.
..	..	..	..	..	..	..	..	
..	..	..	..	..	..	2,240	·210	Very short fracture, symptoms of dry rot.
..	..	..	..	..	..	1,904	·237	Very short fracture.
..	..	..	..	..	..	5,516	·300	Broke suddenly in two pieces: symptoms of dry rot in specimen.
..	..	..	..	..	..	5,152	·205	Broke short half through at one bearing, then split to centre.
..	..	..	..	..	..	5,096	·222	Very short fracture.
broke	..	..	..	..	..	5,902	·275	Broke short in two pieces.
..	..	..	..	..	..	4,424	·250	Very short fracture, symptoms of dry rot.
..	..	..	..	..	..	4,144	·275	Do. do.
..	..	..	..	..	..	5,040	·400	Tolerably good fracture.
..	..	.	..	..	..	5,376	·466	Tolerably good fracture and cleavage.

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection			
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
	QUEENSLAND.		" "				
91 A.	Crab Tree - -	Petalostigma quadrilocculare, F. M.	2 by 2	·080	·111	·145	·201s
91 B.	Do. - -	Do. - - -	"	·084	·116	broke	..
92 A.	(Name in natural order.)	Anacardiaceæ - -	"	broke	..	..	..
92 B.	- - - - -	- - - - -	"	·190	broke	..	..
92 A*a*.	(Name in natural order.)	Anacardiaceæ - -	"	broke	..	..	..
92 A*b*.	- - - - -	- - - - -	"	"	..	..	..
92 B*a*.	- - - - -	- - - - -	"	"	..	..	..
92 B*b*.	- - - - -	- - - - -	"	"	..	..	..
93 A.	(Name in natural order.)	Sterculiaceæ - -	"	·073	·112	·209	broke
93 B.	- - - - -	- - - - -	"	·094	·208s	broke	..
93 A*a*.	(Name in natural order.)	Sterculiaceæ - -	"	·071	·118	·250	broke
93 A*b*.	- - - - -	- - - - -	"	·098	·202	broke	..
94 A.	Silver Tree - -	Argyrodendron trifoliolatum, F. M.	"	·071	·110	"	..
94 B.	Do. - -	Do. - - -	"	·069	·104	"	..
95 A.	- - - - -	- - - - -	- -	..	..	..	..
95 B.	- - - - -	- - - - -	- -	..	..	..	..
97 A.	- - - -	Sersalisia sericea, R. B.	2 by 2	·066	·092	·130	·200
97 B.	- - - -	Do. - - -	"	·066	·096	·132	·191
99 A.	Bean Tree - -	Castanospermum australe, R. B.	"	·150	broke	..	..
99 B.	Do. - -	Do. - - -	"	·170	"	..	..
99 A*a*.	Do. - -	Do. - - -	"	·093	·155	broke	..
99 A*b*.	Do. - -	Do. - - -	"	·100	·208	"	..
100 A*a*.	(Name in natural order).	Ebenaceæ - -	"	·128	broke	..	..
100 A*b*.	- - - - -	- - - - -	"	broke	..	..	..
102 A.	(Name in natural order).	Ebenaceæ - -	"	"	..	..	..
102 B.	- - - - -	- - - - -	"	·236	broke	..	..
102 A*a*.	(Name in natural order).	Ebenaceæ - -	"	·130	"	..	..
102 A*b*.	- - - - -	- - - - -	"	·182	"	..	..
104 A.	Found in the Bricklow Scrubs.	- - - - -	"	..	..	..	..
104 B.	Do. - -	- - - - -	"	·000	·002	·016	broke
104 A*a*.	Do. - -	- - - - -	"	..	..	..	..
104 A*b*.	Do. - -	- - - - -	"	..	..	..	·046
105 A.	Do. - -	Barkleya syringifolia, F. M.	"	·120	broke	..	..
105 B.	- - - -	Do. - - -	"	·113	"	..	..
105 A*a*.	- - - -	Do. - - -	"	·108	"	..	..
105 A*b*.	- - - -	Do. - - -	"	·103	"	..	..
106 A.	- - - -	Gerjera salicifolia, F. M.	"	·070	·111	·187	broke
106 B.	- - - -	Do. - - -	"	·078	·117	·174	"
106 A*a*.	- - - -	Do. - - -	"	·070	·098	·149	"
106 A*b*.	- - - -	Do. - - -	"	·076	·114	·188	"
106 B*a*.	- - - -	Do. - - -	"	·065	·097	·146	"
106 B*b*.	- - - -	Do. - - -	"	·060	·091	·147	"
106 C*b*.	- - - -	Do. - - -	"	·068	·097	·143	"
106 C*a*.	- - - -	Do. - - -	"	·073	·104	·153	"
108 A.	- - - -	Canthium lamprophyllum, F.M.	"	·056	·080	·111	·156
108 B.	- - - -	Do. - - -	"	·061	·085	·118	·168
108 A*a*.	- - - -	Do. - - -	"	·068	·092	·129	·183
108 A*b*.	- - - -	Do. - - -	"	·061	·088	·126	·191
109 A.	Olive Tree - -	Olea paniculata, R. B. -	"	·055	·080	·109	·152
109 B.	Do. - -	Do. - - -	"	·062	·084	·115	·165
109 A*a*.	Do. - -	Do. - - -	"	·053	·071	·098	·138
109 A*b*.	Do. - -	Do. - - -	"	·059	·080	·108	·148

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
broke	..	..	..	..	..	5,600	·225	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	4,200	·276	Short fracture.
..	..	..	..	..	..	1,204	·275	Do.
..	..	..	..	..	..	2,576	·313	Fracture inclined to be short; not fibrous.
..	..	..	..	..	..	2,184	·448	Rather good tough fracture.
..	..	..	..	..	..	2,165	·234	Very short and sudden fracture.
..	..	..	..	..	..	1,456	·184	
..	..	..	..	..	..	1,792	·185	Fracture inclined to be short.
..	..	..	..	..	..	4,816	·310	Good fibrous fracture; slight symptoms of dry rot.
..	..	..	..	..	..	3,528	·258	Rather short fracture.
..	..	..	..	..	..	4,536	·320	Good fracture; symptoms of dry rot.
..	..	..	..	..	..	3,668	·410	Do. do.
..	..	..	..	..	..	4,340	·180	Cleavage; slight symptoms of dry rot in specimen.
..	..	..	..	..	..	4,424	·174	Do. do.
..	..	..	..	..	..	..	..	No experiments.
..	..	..	..	..	..	..	..	
broke	..	..	..	..	..	6,552	·630	Small knot at point of fracture.
·384	broke	..	..	..	..	6,860	·060	Good fracture.
..	..	..	..	..	..	2,856	·270	Specimen three quarters sap; symptoms of dry rot; long splinters.
..	..	..	..	..	..	2,240	·225	Rather short fracture; dry rot.
..	..	..	..	..	..	3,836	·263	Rather short fracture.
..	..	..	..	..	..	4,032	·313	Short fracture.
..	..	..	..	..	..	2,576	·170	Very short fracture; specimen very shaky; symptoms of dry rot.
..	..	..	..	..	..	2,128	·112	Very short fracture; symptoms of dry rot.
..	..	..	..	..	..	2,240	·180	Rather short fracture.
..	..	..	..	..	..	2,240	·280	Short fracture.
..	..	..	..	..	..	2,856	·330	Rather short fracture.
..	..	..	..	..	..	2,688	·584	Good fracture.
..	..	..	..	..	..	..	..	Rather short for A. B.
..	..	..	..	..	..	5,432	·414	Do. do.
..	..	..	..	..	..	..	..	Do. do.
broke	..	..	..	..	.	5,600	·294	Do. do.
..	..	..	..	..	..	2,772	·510	Short fracture; defective specimen, and had symptoms of dry rot.
..	..	..	..	..	..	3,360	·208	Do. do.
..	..	..	..	..	..	3,248	·174	Short and sudden fracture; symptoms of dry rot.
..	..	..	..	..	..	2,968	·140	Very short and sudden fracture.
..	..	..	..	..	..	4,648	·234	Good but not fibrous fracture; dry rot.
..	..	..	..	..	..	4,872	·228	Rather short fracture.
..	..	..	..	..	..	4,480	·150	Short fracture slight symptoms of dry rot.
..	..	..	..	..	..	4,648	·220	Do. do.
..	..	..	..	..	..	5,152	·210	Cleavage; symptoms of dry rot,
..	..	..	..	..	..	5,488	·250	Good fracture; symptoms of dry rot.
..	..	..	..	..	..	5,600	·225	Good fracture.
..	..	..	..	..	..	5,432	·246	Good fracture, slight symptoms of dry rot.
·259	broke	..	..	..	..	6,720	·342	Good fibrous fracture.
·274	„	..	..	..	..	6,860	·370	Do. do.
broke	..	..	..	..	..	6,328	·240	Fracture inclined to be short.
„	..	..	..	..	..	6,608	·380	Cleavage.
·2238	broke	..	..	..	..	7,280	·418	Good fracture.
·274	„	..	..	..	..	6,944	·376	Do.
·220	„	..	..	..	..	7,504	·420	Good fibrous fracture.
·240	„	..	..	..	..	7.000	·390	Part fracture and part cleavage.

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection			
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. ,600
	TASMANIA.						
8 A.	Black Wood		2 by 2	·062	·086	·145	broke
8 B.	Do.		„	·065	·094	·149	„
8 C.	Do.		„	·078	·130	·271	
8 D.	Do.		„	·057	·096	·210	
8 A*a*.	Do.		„	·061	·095	·180	
8 A*b*.	Do.		„	·069	·092	·136	„
8 B*a*.	Do.		„	·100	broke	..	..
8 B*b*.	Do.		„	·095	„	..	..
8 B*c*.	Do.		„	·090	„	..	..
8 C*a*.	Do.		„	·078	·116	·186	broke
8 C*b*.	Do.		$1\frac{1}{16}$ by 2	·086	·124	·243	„
8 C*c*.	Do.		2 by 2	·076	·116	·270	„
8 C*d*.	Do.		„	·084	·125	·201	„
67 A.	Sassafras		2 by $1\frac{7}{8}$	·161	broke	..	..
67 B.	Do.		„	·143	„	..	..
67 C.	Do.		$1\frac{15}{16}$ by $1\frac{1}{16}$	·336	„	..	..
75 A.	Waddy Wood	Pittosporum	2 by 2	·090	·200	broke	..
75 B.	Do.	Do.	„	·075	·145	„	..
75 C.	Do.	Do.	„	·100	broke	..	..
75 A*a*.	Do.	Do.	„	·075	·105	·190	broke
75 A*b*.	Do.	Do.	„	·080	·100	·215	„
75 A*c*.	Do.	Do.	„	·070	·102	·17	„
76 A.	Black Wattle		$1\frac{15}{16}$ by $1\frac{1}{16}$	·110	broke	..	..
76 B.	Do.		2 by 2	·080	·185	broke	..
76 C.	Do.		„	·080	·295	„	..
76 D.	Do.		2 by $1\frac{1}{16}$	·380	broke	..	..
85 A.	Peppermint		$1\frac{7}{8}$ by 2	·116	·193	broke	..
85 B.	Do.		$1\frac{15}{16}$ by $1\frac{1}{16}$	·112	·172	„	..
85 C.	Do.		2 by $1\frac{7}{8}$	·091	·135	·254	broke
93 A.	Myrtle		$1\frac{15}{16}$ by 2	·128	broke	..	..
93 B.	Do.		$1\frac{15}{16}$ by $1\frac{1}{16}$	·092	·310	broke	..
93 C.	Do.		2 by 2	·104	·335	„	..
93 D.	Do.		$1\frac{15}{16}$ by 2	·095	·217	„	..
97 A.	White Gum		2 by 2	·136	broke	..	..
97 B.	Do.		„	·097	·239	broke	..
97 C.	Do.		„	·197	broke	..	..
97 D.	Do.		$1\frac{15}{16}$ by 2	·131	„	..	..
102 A.	Silver Wattle		2 by $1\frac{7}{8}$	·177	„	..	..
102 B.	Do.		„	·07	·134	·252	broke
102 C.	Do.		$1\frac{15}{16}$ by $1\frac{1}{16}$	·172	broke	..	..
102 D.	Do.		2 by $1\frac{7}{8}$	·159	„	..	..
116 A.	Blue Gum		2 by 2	·080	·140	broke	..
116 B.	Do.		„	·070	·210	„	..
116 C.	Do.		„	·095	·190	„	..
116 D.	Do.		„	·090	·160	„	..
363 A.	Gum Topped		2 by $1\frac{7}{8}$	·112	·207	„	..
363 B.	Stringy Bark or White Gum		„	·057	·084	·124	·229
363 C.	Do.		„	·06	·088	·141	·328
363 D.	Do.		2 by $1\frac{3}{4}$	·082	·158	·291	broke
364 A.	Peppermint		2 by $1\frac{1}{2}$	·142	broke	..	..
364 B.	Do.		2 by $1\frac{7}{16}$	broke	..	..	..
367 A.	Iron Wood		2 by 2	·080	·110	·150	·240
367 B.	Do.		„	·065	·095	·130	·200
367 C.	Do.		„	·070	·100	·145	·215
367 D.	Do.		„	·055	·080	·117	·185
369 A.	Tea Tree		$1\frac{15}{16}$ by $1\frac{1}{16}$	·089	·247	broke	..
369 B.	Do.		2 by $1\frac{1}{16}$	·075	·144	„	..
369 C.	Do.		$1\frac{15}{16}$ by $1\frac{1}{16}$	·090	·158	„	..
369 D.	Do.		$1\frac{15}{16}$ by $1\frac{1}{16}$	·097	·252	„	..
371 A.	Stringy Bark		2 by 2	·045	·065	·100	·160
371 B.	Do.		„	·055	·080	·110	broke
371 C.	Do.		„	·060	·090	·125	·220
371 D.	Do.		„	·055	·077	·110	·275

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	5,348	·370	Good fracture.
..	..	..	..	..	..	5,264	·340	Do.
..	..	..	..	..	..	4,872	·500	Do.
..	..	..	..	..	..	4,844	·316	Good fracture; inclined to be short.
..	..	..	..	..	..	5,404	·405	Good fracture.
..	..	..	..	..	..	5,320	·276	Do.
..	..	..	..	..	..	3,220	..	Do.
..	..	..	..	..	..	3,304	..	Long, good fracture.
..	..	..	..	..	..	2,716	..	Tolerable fracture; inclined to be short.
..	..	..	..	..	..	5,096	·470	Good fracture.
..	..	..	..	..	..	4,872	·595	Do.
..	..	..	..	..	..	4,536	·585	Do.
..	..	..	..	..	..	5,096	·595	Do.
..	..	..	..	..	..	2,800	·318	Do.
..	..	..	..	..	..	3,061	·3	Fracture quite short and sudden; report.
..	..	..	..	..	..	2,427	·295	Long, sudden, diagonal fracture; not fibrous; with report.
..	..	..	..	..	..	3,780	..	Rather short fracture.
..	..	..	..	..	..	4,312	..	Good fracture.
..	..	..	..	..	..	3,136	..	Tolerably good fracture.
..	..	..	..	..	..	5,376	..	Good fibrous fracture.
..	..	..	..	..	..	5,376	..	Tolerably good fracture.
..	..	..	..	..	..	5,124	..	Tolerable fracture.
..	..	..	..	..	..	3,164	..	Cleavage.
..	..	..	..	..	..	3,976	..	Long, good fibrous fracture.
..	..	..	..	..	..	3,500	..	Do. do.
..	..	..	..	..	..	2,660	·200	Very good fibrous fracture.
..	..	..	..	..	..	3,948	·405	Good fracture; not dry.
..	..	..	..	..	..	4,032	·320	Good fracture.
..	..	..	..	..	..	4,592	·365	Good fracture, inclined to be short.
..	..	..	..	..	..	2,632	·190	Quite short fracture.
..	..	..	..	..	..	3,640	·535	Good fracture.
..	..	..	..	..	..	3,584	·730	Very good fracture.
..	..	..	..	..	..	3,892	·450	Rather short fracture.
..	..	..	..	..	..	3,024	·439	Good fracture.
..	..	..	..	..	..	3,528	·315	Long fracture.
..	..	..	..	..	..	2,464	·475	Good fracture, but not very fibrous.
..	..	..	..	..	..	3,136	·365	Good fracture, rather long, but not very fibrous.
..	..	..	..	..	..	2,688	·325	Rather short and sudden fracture; report.
..	..	..	..	..	..	4,704	..	Sudden and rather short fracture; with report.
..	..	..	..	..	..	2,436	·185	Do. do. do.
..	..	..	..	..	..	2,632	..	Do. do. do.
..	..	..	..	..	..	4,312	..	Tolerable fracture.
..	..	..	..	..	..	3,528	..	Tolerably good fracture.
..	..	..	..	..	..	4,144	..	Do. do.
..	..	..	..	..	..	4,368	..	Do. do.
..	..	..	..	..	..	4,480	·547	Fibres parted slighted; cleavage.
broke	..	..	..	..	..	6,608	·650	Very good fracture; fibres parted in succession.
„	..	..	..	..	..	5,936	·4	Cleavage only.
..	..	..	..	..	..	5,376	·65	Very good fibrous fracture.
..	..	..	..	..	..	3,024	·23	Rather short and sudden fracture.
..	..	..	..	..	..	1,232	·21	Do. do. do.
broke	..	..	..	..	..	5,824	..	Tolerable fracture.
„	..	..	..	..	..	6,048	..	Do.
„	..	..	..	..	..	5,964	..	Do.
„	..	..	..	..	..	6,104	..	Short fracture.
..	..	..	..	..	..	3,472	·382	Rather short fracture; fibres not broken all across.
..	..	..	..	..	..	4,088	·318	Good fracture.
..	..	..	..	..	..	3,584	·451	Short fracture.
..	..	..	..	..	..	3,640	·404	Fracture part good and part short.
broke	..	..	..	..	..	6,020	..	Clean.
..	..	..	..	..	..	5,544	..	Very good fibrous fracture.
broke	..	..	..	..	..	6 160	..	Do. do.
„	..	..	..	..	..	5,936	..	Do. do.

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
	TASMANIA.		" "				
372 A.	Blue Gum		2 by 2	·047	·082	·100	·130
372 B.	Do.		"	·045	·075	·100	·140
372 C.	Do.		"	·060	·085	·130	·255
372 D.	Do.		"	·050	·075	·110	·195
373 A.	Stringy Bark		"	·050	·077	·140	broke
373 B.	Do.		"	·070	·100	·160	..
373 C.	Do.		"	·070	..	broke	..
373 D.	Do.		"	·060	·085	·130	·240
373 A*a*.	Do.		"	·067	·100	·155	broke
373 A*b*.	Do.		"	·080	·110	·225	"
373 A*c*.	Do.		"	·080	·140	broke	..
373 A*d*.	Do.		"	070	·110	"	..
373 C*a*.	Do.		"	·058	·078	·102	·138
373 C*b*.	Do.		"	·066	·103	·166	broke
373 C*c*.	Do.		"	·074	·104	·141	·230
374 A.	Blue Gum		$1\frac{7}{8}$ by $1\frac{15}{16}$	·094	·171	broke	..
374 B.	Do.		$1\frac{15}{16}$ by $1\frac{15}{16}$	·102	·191	"	..
374 C.	Do.		"	·106	·166	"	..
374 D.	Do.		"	·100	·215	"	..
556 A.	Do.		2 by 2	·05	·069	·091	·132
556 B.	Do.		"	·04	·058	·088	·143
556 C.	Do.		"	·056	·082	·118	·166
558 A.	Do.		"	·070	·090	·130	·235
558 B.	Do.		"	·050	·080	·117	·175
558 C.	Do.		"	·058	·084	·115	·162
577 A.	Do.		"	·090	broke	..	..
577 B.	Do.		"	·080	·185	broke	..
577 C.	Do.		"	·087	·145	"	..
577 D.	Do.		"	·060	·097	·140	..
	TRINIDAD.						
155 A.	Tapana		2 by 2	·078	·120	·282	broke
155 B.	Do.		"	·095	·166	broke	..
155 C.	Do.		"	·074	·112	·147	broke
155 D.	Do.		$1\frac{7}{8}$ by 2	·073	·128	·201	"
158 A.	Garlick Pear	Crataeva gynandra, L.	2 by $1\frac{15}{16}$	·163	broke	..	..
158 B.	Do.	Do.	$1\frac{15}{16}$ by 2	·150	"	..	..
158 C.	Do.	Do.	2 by 2	·230	"	..	..
158 D.	Do.	Do.	"	·242	"	..	..
162 A.	Mahoe	Sterculia Caribea	"	·125	"	..	..
162 B.	Do.	Do.	"	broke	..	..	..
163 A.		Thespesia populnea, Corr.	"	·114	·190	broke	..
166 A.	Soapnut Tree	Sapindus saponaria, L.	"	·084	·147	"	..
166 B.	Do.	Do.	"	·083	·139	"	..
166 C.	Do.	Do.	$1\frac{15}{16}$ by $1\frac{15}{16}$	·100	broke	..	..
167 A.	Cacapoule		2 by 2	·118	"	..	..
167 B.	Do.		"	·135	"	..	..
167 C.	Do.		"	·112	"	..	..
168 A.	Surette	Byrsonima spicata, Rich.	"	·060	·082	·141	broke
168 B.	Do.		"	·078	·140	broke	..
168 C	Do.		"	·087	·157	"	..
168 D	Do.		"	·072	·111	·202	broke
169 A	Paraman	Moronobea coccinea, Aubl.	"	·098	·191	broke	..
169 B	Do.	Do.	"	·121	·2518	"	..
169 C.	Do.	Do.	"	·082	·138	"	..
169 D.	Do.	Do.	$1\frac{15}{16}$ by $1\frac{15}{16}$	·122	broke	..	..
171 A.	Galba	Calophyllum calaba, Jacq.	2 by 2	·096	·192	broke	..
171 B.	Do.	Do.	"	·078	·111	·174	broke
171 C.	Do.	Do.	$1\frac{15}{16}$ by $1\frac{15}{16}$	·117	·213	broke	..

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
·250	broke	..	..	..	..	7,280	..	Cleavage.
broke	..	..	..	..	..	6,608	..	Good fracture.
„	..	..	..	..	..	5,824	..	Tolerably good fracture.
„	..	..	..	..	..	6,160	..	Part fracture and part cleavage.
..	..	..	..	..	..	5,376	..	Good fracture.
..	..	..	..	..	..	5,068	..	Do.
..	..	..	..	..	..	4,284	..	Do.
broke	..	..	..	..	..	5,824	..	Do.
..	..	..	..	..	..	5,152	..	Tolerable fracture.
..	..	..	..	..	..	4,620	..	Rather short fracture.
..	..	..	..	..	..	3,948	..	
..	..	..	..	..	..	4,368	..	Cleavage.
·193	broke	..	..	..	..	7,168	·264	Short fracture.
..	..	..	..	..	..	4,732	·212	Cleavage.
broke	..	..	..	..	..	5,600	·252	Sudden fracture.
..	..	..	..	..	..	4,172	·516	Tough fracture; not dry.
..	..	..	..	..	..	3,976	·501	Good fracture.
..	..	..	..	..	..	4,144	·520	Do.
..	..	..	..	..	..	3,808	·505	Do.
·188	broke	..	..	..	..	7,504	·302	Tolerably good fracture; shakes in specimen.
·217	„	..	..	..	..	7,280	·284	Shakes in specimen; cleavage only across shakes.
broke	..	..	..	..	..	6,412	·278	Shakes in specimen; fibres parted slightly, and cleavage in shake.
„	..	..	..	..	..	5,973	..	Good fracture.
„	..	..	..	..	..	6,440	..	Do.
·246	broke	..	..	..	..	7,112	·366	Cleavage.
..	..	..	..	..	..	3,285	..	Tolerable fracture; shaky.
..	..	..	..	..	..	3,360	..	Do. do.
..	..	..	..	..	..	3,696	..	Do. do.
..	..	..	..	..	..	4,760	..	Do. do.
..	..	..	..	..	..	4,508	·425	Tolerably good fracture.
..	..	..	..	..	..	3,976	·405	Good fracture.
..	..	..	..	..	..	5,152	·198	Good fracture, but not very fibrous.
..	..	..	..	..	..	4,760	·234	Diagonal fracture, not fibrous.
..	..	..	..	..	..	2,744	·260	Short fracture.
..	..	..	..	..	..	2,613	·285	Tolerably good fracture started at a cut.
..	..	..	..	..	..	2,427	·330	Sudden, short fracture.
..	..	..	..	..	..	2,436	·376	Tolerably good fracture, not fibrous.
..	..	..	..	..	..	2,240	·125	Tolerably good fracture; full of small worm holes.
..	..	..	..	..	..	1,344	·122	Rather short fracture; brittle; worm hole.
..	..	..	..	..	..	3,976	·265	Knarled and knotty; fracture not fibrous, and went suddenly at the end.
..	..	..	..	..	..	3,584	·165	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	4,480	·304	Do. do.
..	..	..	..	..	..	3,360	·189	Do. do.
..	..	..	..	..	..	2,996	·260	Fracture quite short and sudden; symptoms of dry rot.
..	..	..	..	..	..	3,024	·260	Do. do.
..	..	..	..	..	..	3,276	·188	Fracture part shot and part splintered; symptoms of dry rot.
..	..	..	..	..	..	4,984	·196	Short fracture.
..	..	..	..	..	..	4,256	·292	Rather short fracture.
..	..	..	..	..	..	4,060	·291	Short and sudden fracture.
..	..	..	..	..	..	4,480	·250	Do. do.
..	..	..	..	..	..	3,892	·445	Good fracture.
..	..	..	..	..	..	3,416	·425	Long fracture.
..	..	..	..	..	..	4,228	·380	Diagonal cleavage.
..	..	..	..	..	..	2,464	·258	Good fracture, but not fibrous.
..	..	..	..	..	..	3,472	·390	Long fracture; slightly worm-eaten.
..	..	..	..	..	..	5,264	·344	Long, good fracture.
..	..	..	..	..	..	4,116	·700	Good fibrous fracture and cleavage.

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
	TRINIDAD.		" "				
171 D.	Galba			·088s	broke	..	..
180 B.	Crabtree	Caprapa guianensis, Aubl.	2 by 2	·071	·109	·179	broke
180 C.	Do.	Do.	$1\frac{15}{16}$ by 2	·073	·124	·228	"
180 D.	Do.	Do.	2 by 2	·075	·115	·182	"
185 A.	Noyer	Terebinthaceæ*	"	·080	·103	·154s	broke
185 B.	Do.	Do.	"	·073	·100	·136	·186
185 C.	Do.		"	·073	·099	·132	·192
185 D.	Do.		"	·080	·110	·146	·196
186 A.	Mango	Mangifera indica, L.	"	·192	broke	..	..
186 B.	Do.	Do.	"	broke	..	..	..
187 A.	Gommier	Terebinthaceæ*	"	·084	·150s	broke	..
187 B.	Do.	Do.	"	·103	·170	"	..
187 C.	Do.		$1\frac{15}{16}$ by $1\frac{15}{16}$	·101	·265s	"	..
187 D.	Do.		"	·137	broke	..	..
196 A.	Beef Wood	Rhopalamontana, Aubl.	2 by 2	·074	·104	·154	broke
196 B.	Do.		"	·066	·096	·152	"
198 A.	Laurel		"	·136	broke	..	..
198 B.	Do.		"	·090	·194	broke	..
198 C.	Do.		"	·097	·224	"	..
198 D.	Do.		$1\frac{15}{16}$ by $1\frac{15}{16}$	·160	broke	..	..
200 A.	Laurier Canelle		2 by 2	·076	·097	·159	broke
200 B.	Do.		"	·065	·084	·113	·185
200 C.	Do.		"	·072	·103	·166	broke
200 D.	Do.		"	·071	·099	·146	·332
201 A.	Laurier blanc			·184	broke	..	..
201 B.	Do.		$1\frac{15}{16}$ by $1\frac{15}{16}$	·126	"	..	..
201 C.	Do.	Moronobea coccinea, Aubl.	2 by 2	·094	·169	broke	..
201 D.	Do.		"	·095	·159	"	..
201 Aa.	Do.		"	·088	·190	"	..
201 Ab.	Do.		"	·085	·201	"	..
201 Ac.	Do.		"	·075	·121	·216	broke
201 Ad.	Do.		$1\frac{7}{8}$ by 2	·102	·193s	broke	..
205 A.	Canturo	Parinarium campestre, Aubl.	2 by 2	·084s	·130	"	..
205 B.	Do.	Do.	"	·100	·153	"	..
205 C.	Do.	Do.	2 by $1\frac{15}{16}$	·084	·135	·225s	broke
205 D.	Do.	Do.	2 by 2	·080	·122s	·211	"
206 A.	Bois de Fer		"	·114	·221	broke	..
206 B.	Do.		"	·084	·128	·207	broke
206 C.	Do.	Moquilea species	$1\frac{15}{16}$ by $1\frac{15}{16}$	·128	broke	..	..
206 D.	Do.			·108	·296	broke	..
207 A.	Cauto		2 by 2	·072	·102	·155	broke
207 B.	Do.		"	·073	·109	·180	"
207 C.	Do.		"	·098	·170s	broke	..
207 D.	Do.		"	·107	broke	..	..
208 A.	Do.		"	·075	·112	broke	..
208 B.	Do.		"	·072	·117s	broke	..
208 C.	Do.		"	·100	·165s	"	..
208 D.	Do.		"	·066	·106	·192	broke
212 A.	Balsam Capivi	Copaifera officinalis, L.	"	·141	·245	broke	..
213 B.	Do.	Do.	"	·141	·264	"	..
214 A.	Savonette Jaune	Lonchocarpus latifolius, Kth.	$1\frac{15}{16}$ by $1\frac{15}{16}$	·064	·085	·117	·194
214 B.	Do.		"	·070	·099	·140	·208
214 C.	Do.		"	·065	·089	·125	·184
214 D.	Do.		"	·058	·080	·107	·157
216 A.	Purple Heart						
217 A.	Locust	Hymenea Courbaril, L.	2 by 2	·060	·086	·113	·153
217 B.	Do.	Do.	"	·062	·082	·105	·148

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	3,360	·172	Good fracture; symptoms of dry rot, and worm-eaten.
..	..	..	..	..	..	5,124	·285	Slight fracture.
..	..	..	..	..	..	5,040	·437	Good fibrous fracture; shaky.
..	..	..	..	..	..	5,404	·385	Good fibrous fracture.
..	..	..	..	..	..	5,068	·546	Rather long fracture.
·343s	broke	..	..	..	..	7,000	·565	Long, good fracture.
·392	„	..	..	..	..	6,832	·490	Good fibrous fracture and cleavage.
broke	..	..	..	..	..	6,328	·366	Peculiar long diagonal fracture.
..	..	..	..	..	..	2,408	·322	Rather short fracture.
..	..	..	..	..	..	2,016	·204	Very diagonal grain; short fracture.
..	..	..	..	..	..	3,696	·244	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	4,032	·331	Rather short fracture; symptoms of dry rot.
..	..	..	..	..	..	3,360	·280	Tolerably good fracture; symptoms of dry rot.
..	..	..	..	..	..	2,828	·258	Fracture inclined to be short; symptoms of dry rot, and slightly worm-eaten.
..	..	..	..	..	..	5,264	·242	Good fracture.
..	..	..	..	..	..	5,320	·408	Do.
..	..	..	..	..	..	3,248	·405	Rather short fracture.
..	..	..	..	..	..	3,808	·398	Short fracture.
..	..	..	..	..	..	3,696	·542	Short and sudden fracture.
..	..	..	..	..	..	3,024	·380	Long diagonal fracture.
..	..	..	..	..	..	5,572	·560	Good fibrous fracture.
broke	..	..	..	..	..	6,272	·489	Good fracture and cleavage.
..	..	..	..	..	..	5,488	·620	Good fibrous fracture.
broke	..	..	..	..	..	5,852	·540	Good fibrous fracture and cleavage.
..	..	..	..	..	..	2,688	·346	Tolerably good fracture; shaky; symptoms of dry rot.
..	..	..	..	..	..	3,024	·340	Rather short and sudden fracture; slight symptoms of dry rot.
..	..	..	..	..	..	4,452	·580	Good fracture.
..	..	..	..	..	..	4,340	·472	Do.
..	..	..	..	..	..	4,144	·818	Good fibrous fracture.
..	..	..	..	..	..	4,088	·564	Rather short fracture.
..	..	..	..	..	..	4,928	·449	Good fibrous fracture.
..	..	..	..	..	..	4,060	·607	Good fracture.
..	..	..	..	..	..	3,612	·165	Tolerably good fracture; inclined to be short.
..	..	..	..	..	..	3,659	·180	Tolerably good fracture.
..	..	..	..	..	..	4,480	·275	Good fracture.
..	..	..	..	..	..	4,629	·240	Not a good fracture; inclined to be short.
..	..	..	..	..	..	3,920	·352	Quite short, fracture broke suddenly.
..	..	..	..	..	..	4,928	·322	Long fracture.
..	..	..	..	..	..	2,996	·326	Rather good fracture.
..	..	..	..	..	..	3,948	·324	Cleavage.
..	..	..	..	..	..	5,040	·225	Tolerable fracture; inclined to be short.
..	..	..	..	..	..	4,592	·199	Short fracture.
..	..	..	..	..	..	3,556	·220	Cleavage; started at a worm-hole.
..	..	..	..	..	..	3,192	·230	Broke at worm-holes.
..	..	..	..	..	..	3,892	·150	Cleavage; shakes; slight symptoms of dry rot.
..	..	..	..	..	..	4,452	·250	Fracture short and sudden; symptoms of dry rot.
..	..	..	..	..	..	3,472	·184	Cleavage in a shake; symptoms of dry rot.
..	..	..	..	..	..	5,264	·290	Quite short all but one splinter; shaky.
..	..	..	..	..	..	4,144	·140	Good fracture, tough.
..	..	..	..	..	..	3,584	·435	Tolerably good fracture.
broke	..	..	..	..	..	6,496	·314	Cleavage.
„	..	..	..	..	..	6,048	·316	Cleavage; fibres slightly parted.
·328s	broke	..	..	..	..	7,168	1·032	Good fibrous fracture, tough.
·273	„	..	..	..	..	7,140	·355	Cleavage.
- -	- -	- -	- -	- -	- -	- -	- -	No experiment.
·208	„	..	..	..	..	7,280	·284	Good fracture.
·212	„	..	..	..	..	7,056	·240	Rather good fracture.

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
	TRINIDAD.		" "				
218 A.	Naraujillo Amarillo	Swartzia grandiflora, L.	2 by 2	·066	·084	·113	·168
218 B.	- - - -	Do. - - -	"	·058	·079	·105	·164
218 C.	- - - -	Do. - - -	"	·069	·090	·124	broke
218 D.	- - - -	Do. - - -	"	·068	·090	·124	·205
219 A.	Tamarind - -	Tamarindus indica, L. -	"	·127	·178	broke	"
219 B.	Do. - -	Do. - - -	"	·140	·224	"	"
219 C.	Do. - -	Do. - - -	"	·105	·143	"	"
219 D.	Do. - -	Do. - - -	"	·116	·176	"	"
220 A.	Casse - - -	Cassia Trinitatis, Rich.	"	·100	·140	·217s	broke
220 B.	Do. - -	- - - - -	"	·082	·113	·145	·198
221 A.	Guatamare - -	Myrospermum frutescens, Jacq.	"	·055	·072	·090	·110
221 B.	Do. - -	Do. - - -	"	·065	·085	·106	·127
222 A.	Bois Mulatre -	Pentaclethrafilamentosa, Kth.	"	·068	·107	·206	broke
222 B.	Do. -	Do. - - -	1 1/16 by 1 1/16	·073	·122	·272	"
222 C.	Do. - -	Do. - - -	2 by 2	·089	·139	broke	"
222 D.	Do. - -	Do. - - -	"	·069	·103	·171	broke
225 A.	Angelin - -	Audira inermis, Kth. -	"	·091	·122	·167	·246
226 B.	Do. - -	- - - - -	"	·089	·124	·176	broke
226 C.	Do. - -	Audira inermis, Kth. -	"	·002	·002	·068	·094
226 D.	Do. - -	Do. - - -	"	·002	·002	·066	·092
227 A.	Do. - -	Do. - - -	"	·130	broke	"	"
227 B.	Do. - -	- - - - -	- -	·147	"	"	"
237 A.	Sapodilla, Sapotillier	Sapta Achras, Mill. -	"	·066	·095	·136	·197
237 B.	Do. - -	Do. - - -	"	·097	·141	·201s	broke
243 A.	Acoma or Mastic -	Sideroxylum masticho-dendrum, Linn.	"	·064	·082	·107	·147
243 B.	Do. - -	Do. - - -	"	·064	·088	·115	·160
248 A.	Cypre - -	Cordia Geraschanthus, Jacq.	"	·115	·260	broke	"
248 B.	Do. - -	Do. - - -	"	·119	·203	"	"
248 C.	Do. - -	Do. - - -	"	·115	broke	"	"
248 D.	Do. - -	Do. - - -	"	·128	"	"	"
257 A.	Poui - - -	Tecoma serratifolia, Don.	"	"	"	"	"
257 B.	Do. - -	Do. - - -	"	·050	·066	·081	·099
257 C.	Do. - -	Do. - - -	"	·046	·059	·077	·093
260 A.	Almond Tree -	Terminalia catappa, L. -	"	·131	·264	broke	"
260 B.	Do. - -	Do. - - -	"	·166	broke	"	"
262 A.	Olivier - -	Chuncoa obovata, Poir.	"	·072	·101	·143	broke
262 B.	Do. - -	- - - - -	"	·070	·100	·139	"
262 C.	Do. - -	- - - - -	"	·075	·114	·155	·254
262 D.	Do. - -	- - - - -	"	·066	·089	·134	broke
265 A.	Red Mangrove -	Rhizophora Mangle, L.	1 1/16 by 1 1/16	·065	·091	·119	·190
265 B.	Do. - -	Do. - - -	2 by 2	·057	·080	·110	·159
270 A.	Wild Guava - -	- - - - -	"	·090	·135	·225	broke
270 B.	Do. - -	- - - - -	"	·080	·126	·197	"
270 A*a*.	Do. - -	- - - - -	"	·067	·097	·152	"
270 A*b*.	Do. - -	- - - - -	"	·069	·104	·176	"
270 A*c*.	Do. - -	- - - - -	"	·076	·127	·226	"
270 A*d*.	Do. - -	- - - - -	"	·070	·100	·144	"
276 A.	Guatecare - -	Lecythis adatimon, Aubl.	"	·059	·083	·108	"
276 B.	Do. - -	- - - - -	"	·058	·078	·095	·125
280 A.	Genipa - -	- - - - -	"	·106	·158	·270	·630
280 B.	Do. - -	Genipa Carute, H.B. -	"	·109	·162	·254	broke
280 C.	Do. - -	- - - - -	"	·119	·191	·348	"
D.	Do. - -	- - - - -	"	·094	·151	·276	"

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
broke	..	..	..	..	..	6,524	·314	Good fracture, broke suddenly.
„	..	..	..	..	..	5,600	·180	Short sudden fracture, worm-eaten; symptoms of dry rot.
..	..	..	..	..	..	5,264	·184	Do. do.
broke	..	..	..	..	..	5,908	·255	Do. do
..	..	..	..	..	..	4,060	·234	Very short and sudden fracture.
..	..	..	..	..	..	4,340	·470	Short fracture; half a.
..	..	..	..	..	..	4,452	·213	Very short sudden fracture.
..	..	..	..	..	..	4,284	·272	Do. do.
..	..	..	..	..	..	4,648	·412	Diagonal fracture.
broke	..	..	..	..	..	6,076	·586	Good tough fibrous fracture.
·137	·175	·225	broke	..	..	10,080	·330	Good fracture.
·157	·200	·314	„	..	..	9,072	·432	Do.
..	..	..	..	..	..	5,012	·470	Good fibrous fracture; tough.
..	..	..	..	..	..	4,592	·411	Long, good fracture.
..	..	..	..	..	..	4,424	·256	Fibres slightly parted, and cleavage.
..	..	..	..	..	..	5,096	·554	Good fibrous fracture.
broke	..	..	..	..	..	5,936	·300	Short and sudden fracture at a knot.
..	..	..	..	..	..	5,264	·232	Short and sudden fracture.
·127	·1768	·266	broke	..	..	6,972	·310	Long, good fracture, and a little cleavage; not cut straight.
·1288	·193	broke	..	..	..	6,421	·420	Do. do.
..	..	..	..	..	..	3,136	·406	Good fracture. A little worm-eaten.
..	..	..	..	..	..	3,024	·410	Long fracture.
·3968	broke	..	..	..	..	7,028	·950	Excellent fracture. Specimen worm-eaten.
..	..	..	..	..	..	5,180	·310	Good fracture, but inclined to be short; worm-eaten.
broke	..	..	..	..	..	6,664	·324	Good fracture; quite wet.
„	..	..	..	..	..	6,636	·379	Do. do.
..	..	..	..	..	..	3,584	·385	Good fracture.
..	..	..	..	..	..	4,032	·408	Short and sudden fracture.
..	..	..	..	..	..	3,332	·251	Do. do.
..	..	..	..	..	..	3,192	·370	Do. do.
..	..	..	..	..	..	- -	- -	No experiment.
·119	·141	·165	broke	..	..	9,912	·221	Cleavage.
·113	·138	·167	·226	broke	..	10,108	·250	Do.
..	..	..	..	..	..	3,360	·264	Tolerably good fracture.
..	..	..	..	..	..	2,576	·420	Tolerably good fracture; inclined to be short.
..	..	..	..	..	..	5,264	·205	Rather short fracture.
..	..	..	..	..	..	5,152	·195	Short and sudden fracture.
broke	..	..	..	..	..	5,600	·260	Cleavage.
..	..	..	..	..	..	5,600	·225	Short and sudden fracture.
broke	..	..	..	..	..	6,076	·320	Fibres parted, and cleavage.
„	..	..	..	..	..	6,608	·301	Good fracture, and cleavage.
..	..	..	..	..	..	5,264	·622	Good fibrous fracture.
..	..	..	..	..	..	4,648	·265	Rather long fracture.
..	..	..	..	..	..	5,563	·315	Cleavage and slight fracture, inclined to be short; slight symptoms of dry rot; shaky.
..	..	..	..	..	..	4,704	·190	Fracture short and sudden; shaky; and symptoms of dry rot.
..	..	..	..	..	..	4,732	·280	Quite a short fracture and sudden.
..	..	..	..	..	..	4,965	·170	Short fracture.
..	..	..	..	..	..	5,544	·165	Cleavage; fibres slightly parted; worm-eaten a little.
·184	broke	..	..	..	..	7,840	·296	Good sudden fracture, part fibres and part cleavage; worm-eaten a little.
broke	..	..	..	..	..	5,992	1·240	Exceedingly tough. Fine fibrous fracture.
..	..	..	..	..	..	5,516	·990	Tough. Fibrous fracture.
..	..	..	..	..	..	5,432	1·115	Exceedingly tough. Good fibrous fracture, and cleavage.
..	..	..	..	..	..	5,264	·542	Cleavage through heart.

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	lbs. 2,240	
	VICTORIA.		" "		
1 A.	Peppermint Tree		2 by 2	·076	
1 B.	Do.		"	·082	
1 C.	Do.	Eucalyptus odorata, Schl.	"	·086	
1 D.	Do.	Do.	"	·074	
2 A.	Grey Box Tree	Eucalyptusdealbata,Cunn	"	·082	
2 B.	Do.	Do.	2 by $1\frac{1}{2}$	·077	
2 C.	Do.	Do.	2 by 2	·086	
2 D.	Do.	Do.	"	·082	
2 Aa.	Do.	Do.	"	·111	
2 Ab.	Do.	Do.	"	·094	
2 Ac.	Do.	Do.	2 by $1\frac{1}{4}$	·114	
2 Ad.	Do.	Do.	"	·084	
3 A.	Coast Tea Tree	Melaleuca curvifolia, Schl.	$1\frac{1}{4}$ by $1\frac{1}{4}$	·083	
3 B.	Do.	Do.	"	·120	
4 A.				..	
5 Aa.	Mint Tree			..	
5 Ab.	Do.			..	
5 Ac.	Do.			..	
6 A.		Eucalyptus	2 by 2	·097	
6 B.		Do.	"	·107	
6 C.		Do.	"	·081	
7 A.			"	·132	
7 B.			"	·118	
7 C.			"	·146	
8 A.			"	·082	
8 B.			2 by $1\frac{1}{2}$	·079	
8 C.			2 by 2	·071	
8 D.			2 by $1\frac{1}{2}$	·083	
9 A.			2 by 2	·074	
9 B.			2 by $1\frac{1}{2}$	·096	
9 C.			2 by 2	·220	bro
10 A.	Woolly Butt	Eucalyptus Woollsii, F.M.	"	·110	
10 B.	Do.	Do.	"	·084	
10 C.	Do.	Do.	"	·107	
10 D.	Do.	Do.	"	·099	
10	Do.	Do.	"	·086	
10	Do.	Do.	"	·094	
10	Do.	Do.	"	·096	
11 A.	Broad-leaved Box Tree.	Eucalyptus acmenoides, Schl.	"	·094	
11 B.			"	·113	bro
11 C.			"	broke	..
11 D.	Broad-leaved Box Tree.	Eucalyptus acmenoides, Sch.	"	·119	bro
12 A.	Honeysuckle	Banksia australis, Br.	"	broke	..
12 B.	Do.	Do.	"	"	..
12 C.	Do.	Do.	"	"	..
12 D.	Do.	Do.	"	"	..
13 Aa.	Coast Tea Tree			..	..
13 Ab.	Do.			..	..
14 A.			"	·123	·191
14 B.			"	·088	·154
14 A.	Gully Tree Fern	Eucalyptus acervula, Sieber.	"	·090	·125
14 B.	Do.	Do.	"	·098	·153
14 C.	Do.	Do.	"	·093	·135
14 D.	Do.	Do.	"	·098	·1498
14 Aa.	Do.	Do.	"	·127	·268
14 Ab.	Do.	Do.	"	·168	broke
14 Ac.	Do.	Do.	"	·194	"
14 Ad.	Do.	Do.	"	·141	"
15 A.	Musk Tree	Eurybia argophylla, Cass.	"	·128	·302

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
	VICTORIA.		" "				
1 A.	Peppermint Tree		2 by 2	·076	·11	·143	broke
1 B.	Do.		"	·082	·116	·168	"
1 C.	Do.	Eucalyptus odorata, Schl.	"	·086	·126	broke	"
1 D.	Do.	Do.	"	·074	·104	·152	broke
2 A.	Grey Box Tree	Eucalyptus dealbata, Cunn	"	·082	·123	·186	"
2 B.	Do.	Do.	2 by $1\frac{15}{16}$	·077	·118	·189	·500
2 C.	Do.	Do.	2 by 2	·086	·148	·312	broke
2 D.	Do.	Do.	"	·082	·120	·198	"
2 A*a*.	Do.	Do.	"	·111	·168	·3198	"
2 A*b*.	Do.	Do.	"	·094	·137	broke	"
2 A*c*.	Do.	Do.	2 by $1\frac{14}{16}$	·114	·165	"	"
2 A*d*.	Do.	Do.	"	·084	·121	·228	broke
3 A.	Coast Tea Tree	Melaleuca curvifolia, Schl.	$1\frac{15}{16}$ by $1\frac{15}{16}$	·083	·121	·204	"
3 B.	Do.	Do.	"	·120	·170	broke	"
4 A.				"	"	"	"
5 A*a*.	Mint Tree			"	"	"	"
5 A*b*.	Do.			"	"	"	"
5 A*c*.	Do.			"	"	"	"
6 A.		Eucalyptus	2 by 2	·097	·117	·201	broke
6 B.		Do.	"	·107	·192	broke	"
6 C.		Do.	"	·081	·136	·226	·570s
7 A.			"	·132	·215	·440	broke
7 B.			"	·118	·206	broke	"
7 C.			"	·146	·270	"	"
8 A.			"	·082	·114	·166	·301
8 B.			2 by $1\frac{15}{16}$	·079	·118	·210	broke
8 C.			2 by 2	·071	·102	·161	260
8 D.			2 by $1\frac{15}{16}$	·083	·130	·206	broke
9 A.			2 by 2	·074	·104	·178	"
9 B.			2 by $1\frac{15}{16}$	·096	·140	·245	"
9 C.			2 by 2	·220	broke	"	"
10 A.	Woolly Butt	Eucalyptus Woollsii, F.M.	"	·110	·151	·232	broke
10 B.	Do.	Do.	"	·084	·121	·188	"
10 C.	Do.	Do.	"	·107	·156	·226	"
10 D.	Do.	Do.	"	·099	·138	·204s	"
10	Do.	Do.	"	·086	·127	·171	"
10	Do.	Do.	"	·094	·143	broke	"
10	Do.	Do.		·096	·165	"	"
11 A.	Broad-leaved Box Tree.	Eucalyptus acmenoides, Schl.	"	·094	·150	"	"
11 B.			"	·113	broke	"	"
11 C.			"	broke	"	"	"
11 D.	Broad-leaved Box Tree.	Eucalyptus acmenoides, Sch.	"	·119	broke	"	"
12 A.	Honeysuckle	Banksia australis, Br.	"	broke	"	"	"
12 B.	Do.	Do.	"	"	"	"	"
12 C.	Do.	Do.	"	"	"	"	"
12 D.	Do.	Do.	"	"	"	"	"
13 A*a*.	Coast Tea Tree			"	"	"	"
13 A*b*.	Do.			"	"	"	"
14 A.			"	·123	·191	broke	"
14 B.			"	·088	·154	"	"
14 A.	Gully Tree Fern	Eucalyptus acervula, Sieber.	"	·090	·125	·162	broke
14 B.	Do.	Do.	"	·098	·153	·234	"
14 C.	Do.	Do.	"	·093	·135	·190	"
14 D.	Do.	Do.	"	·098	·1498	broke	"
14 A*a*.	Do.	Do.	"	·127	·268	"	"
14 A*b*.	Do.	Do.	"	·168	broke	"	"
14 A*c*.	Do.	Do.	"	·194	"	"	"
14 A*d*.	Do.	Do.	"	·141	"	"	"
15 A.	Musk Tree	Eurybia argophylla, Cass.	"	·128	·302	broke	"

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	5,376	·250	Good fracture and cleavage; not very fibrous.
..	..	..	..	..	..	5,376	·380	Good fracture.
..	..	..	..	..	..	4,368	·260	Cleavage both ends in gum vein; fibres started.
..	..	..	..	..	..	5,320	·180	Started at a knot; long fracture in gum vein.
..	..	..	..	..	..	5,320	·820	Good tough fibrous fracture.
broke	..	..	..	..	..	5,712	·738	Do. do.
..	..	..	..	..	..	5,096	·894	Rather long good tough fracture.
..	..	..	..	..	..	5,488	·845	Do. do.
..	..	..	..	..	..	4,536	·430	Good fracture.
..	..	..	..	..	..	4,200	·237	Not a very good fracture.
..	..	..	..	..	..	4,368	·340	Good fracture.
..	..	..	..	..	..	4,872	.332	Do.
..	..	..	..	..	..	5,012	·436	Good long fracture, but not very fibrous, and cleavage.
..	..	..	..	..	..	4,144	·260	Long fracture; not fibrous.
..	..	..	..	..	..	..	..	No experiment.
..	..	..	..	..	..	..	..	No experiments.
..	..	..	..	..	..	..	..	
..	..	..	..	..	..	..	..	
..	..	..	..	..	..	5,180	·442	Not a very good fracture; inclined to be short.
..	..	..	..	..	..	4,144	·459	Good fracture; not very fibrous.
broke	..	..	..	..	..	5,376	·870	Good tough fibrous fracture.
..	..	..	..	..	..	4,620	·541	Rather short fracture; did not seem to be affected by shakes.
..	..	..	..	..	..	4,032	·630	Quite short fracture.
..	..	..	..	..	..	3,612	·330	Very short fracture.
broke	..	..	..	..	..	5,628	·430	Good fracture.
..	..	..	..	..	..	5,264	·583	Good fibrous fracture.
broke	..	..	..	..	..	6,496	·480	Fracture inclined to be short; specimen defective in centre.
..	..	..	..	..	..	5,264	·360	Fracture rather short, but fibrous.
..	..	..	..	..	..	5,572	·636	Good fracture.
..	..	..	..	..	..	5,488	·826	Good tough fibrous fracture.
..	..	..	..	..	..	2,744	·920	Cleavage, and fibres slightly parted.
..	..	..	..	..	..	4,928	·415	Good fibrous fracture; heart shaken.
..	..	..	..	..	..	5,180	·368	Good fracture.
..	..	..	..	..	..	4,816	·336	Do.
..	..	..	..	..	..	4,676	·295	Do.
..	..	..	..	..	..	5,600	·260	Sudden long fracture.
..	..	..	..	..	..	3,416	·175	Short and sudden fracture.
..	..	..	..	..	..	3,640	·200	Cleavage.
..	..	..	..	..	..	4,144	·320	Sudden and short fracture; specimen had dry rot.
..	..	..	..	..	..	3,080	·190	Do. do.
..	..	..	..	..	..	2,072	·224	Do. do.
..	..	..	..	..	..	2,856	·170	Short fracture; specimen had dry rot.
..	..	..	..	..	..	1,120	·220	Short and sudden fracture.
..	..	..	..	..	..	340	·230	Very short fracture.
..	..	..	..	..	..	672	·360	Very short and sudden fracture.
..	..	..	..	..	..	672	·280	Very short fracture.
..	..	..	..	..	..	..	..	No experiment.
..	..	..	..	..	..	..	..	Do.
..	..	..	..	..	..	4,256	·480	Good fibrous fracture.
..	..	..	..	..	..	4,368	·330	Good fracture; large shakes in this specimen, but did not seem to have had any bad effect.
..	..	..	..	..	..	5,684	·375	Long fracture.
..	..	..	..	..	..	5,012	·345	Good fracture.
..	..	..	..	..	..	5,516	·278	Long fracture.
..	..	..	..	..	..	3,920	·200	Long diagonal fracture.
..	..	..	..	..	..	3,528	·686	Good fibrous fracture.
..	..	..	..	..	..	2,912	·338	Long fracture; not fibrous.
..	..	..	..	..	..	2,744	·726	Long fracture.
..	..	..	..	..	..	2,940	·337	Cleavage.
..	..	..	..	..	..	3,528	·456	Good fibrous fracture.

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection			
				lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
	VICTORIA.		// //				
15 B.	Musk Tree	Eurybia, argophylla, Cass.	2 by 2	·146	·294	broke	"
15 C.	Do.	Do.	"	·182	broke	"	"
16 A.	Desert Cypress Pine	Callitris verrucosa, Br.	"	·156s	"	"	"
16 B.	Do.	Do.	"	·162	"	"	"
16 C.	Do.	Do.	"	·195	"	"	"
16 D.	Do.	Do.	"	·138	·234	broke	"
22 A.	Iron Bark Tree	Eucalyptus sideroxylon, Cunn.	"	·073	·097	·128	·190
22 B.	- - - -	- - - - -	2 by $1\frac{1}{16}$	·082	·110	·145	·226s
22 C.	- - - -	- - - - -	"	·080	·109	·145	·193
22 D.	- - - -	- - - - -	2 by 2	·071	·097	·130	·234
28 A.	- - - -	- - - - -	2 by $1\frac{1}{16}$	·071	·096	·129	·182
28 B.	- - - -	- - - - -	"	·068	·100	·138	·200
28 C.	- - - -	- - - - -	"	·062	·094	·128	·168
28 D.	- - - -	- - - - -	2 by 2	·076	·103	·136	·194
28 A.	- - - -	- - - - -	"	·070	·096	·134	broke
28 B.	- - - -	- - - - -	2 by $1\frac{1}{16}$	·067	·088	·130	·217
28 C.	- - - -	- - - - -	"	·089	·133	broke	"
29 A.	- - - -	- - - - -	"	·082	·115	·169	·267s
29 B.	- - - -	- - - - -	2 by 2	·081	·115	·164	broke
29 C.	- - - -	- - - - -	"	·103	·148s	broke	"
29 D.	- - - -	- - - - -	"	·097	·138	·198	broke
29 A*a*.	- - - -	- - - - -	"	·082	·133	broke	"
29 A*b*.	- - - -	- - - - -	"	·073	·112	·179	broke
29 A*c*.	- - - -	- - - - -	"	·082	·122	·183	"
29 A*d*.	- - - -	- - - - -	"	·099	·146	broke	"
29 A.	- - - -	- - - - -	"	·089	·128	·192	broke
29 B.	- - - -	- - - - -	- -	·085	·125	·179	"
31 A.	- - - -	- - - - -	"	·147	broke	"	"
31 B.	- - - -	- - - - -	"	·212s	"	"	"
31 C.	- - - -	- - - - -	"	broke	"	"	"
33 A.	Grey Box Tree	Eucalyptus dealbata, Cunn.	"	·114	broke	"	"
33 B.	Do.	Do.	"	·107	·167	broke	"
33 C.	Do.	Do.	"	·110	broke	"	"
33 D.	Do.	Do.	2 by $1\frac{1}{16}$	·156s	"	"	"
34 A.	- - - -	- - - - -	2 by 2	·085	·120	·180	broke
34 B.	- - - -	- - - - -	"	·096	·134	broke	"
34 C.	- - - -	- - - - -	"	·090	·128	·182	broke
34 D.	- - - -	- - - - -	"	·091	·126	·182	"
35 A.	Stringy Bark	Eucalyptus obliqua, L'Herit.	$1\frac{1}{16}$ by $1\frac{1}{16}$	·108	·355s	broke	"
35 B.	Do.	Do.	2 by 2	·157	broke	"	"
35 C.	Do.	Do.	"	·137	"	"	"
35 D.	- - - -	- - - - -	- -	·088	·190	broke	"
36 A.	White Gum Tree	Eucalyptus	2 by 2	·158	broke	"	"
36 B.	- - - -	- - - - -	2 by $1\frac{1}{16}$	·177	"	"	"
36 C.	White Gum Tree	Eucalyptus	2 by 2	·154	"	"	"
36 D.	- - - -	- - - - -	- -	·228	"	"	"
38 A.	Native Cherry Tree	Exocarpus cupressiformus, Lab.	2 by $1\frac{1}{16}$	·119	·215	broke	"
38 B.	Do.	Do.	2 by 2	·092	·149	·308	broke
38 C.	Spurious Mulberry Tree.	Lomatia Frazerii, Br.	"	·093	·141	·239	"
38 D.	Do.	Do.	- -	·089	·149	·318	"
39 A.	Do.	Do.	2 by 2	broke	"	"	"
39 B.	Do.	Do.	"	"	"	"	"

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	3,696	·430	Not very good fracture; started at a small knot.
..	..	..	..	..	..	3,136	·488	Short fracture; symptoms of dry rot.
..	..	..	..	..	..	3,136	·249	Short and sudden fracture.
..	..	..	..	..	..	3,304	·330	Do. do.
..	..	..	..	..	..	3,136	·338	Specimen defective by knots and shakes.
..	..	..	..	..	..	3,528	·400	Quite short and sudden fracture; symptoms of dry rot.
broke	..	..	..	..	..	6,384	·400	Cleavage (in defect), and good fibrous fracture.
„	..	..	..	..	..	6,104	·390	Good fibrous fracture; specimen had a bad shake in it.
„	..	..	..	..	..	6,496	·400	Good fibrous fracture.
„	..	..	..	..	..	6,132	·360	Good fibrous fracture; specimen had a large worm knot across the centre.
·3078	broke	..	..	..	..	6,720	·408	Cleavage; fibres parted.
broke	..	..	..	..	..	5,964	·430	Long fracture.
·2728	broke	..	..	..	..	7,168	·450	Good fracture.
·3888	„	..	..	..	..	6,720	·512	Good fibrous fracture.
..	..	..	..	..	..	5,516	·215	Long diagonal fracture; not very fibrous.
broke	..	..	..	..	..	5,824	·415	Good fracture; specimen badly shaken.
..	..	..	..	..	..	4,480	·194	Short and sudden fracture.
broke	..	..	..	..	..	5,712	·352	Good fracture.
..	..	..	..	..	..	5,544	·295	Long but not fibrous fracture.
..	..	..	..	..	..	3,528	·171	Not a good fracture.
..	..	..	..	..	..	4,816	·290	Do. do.
..	..	..	..	..	..	4,256	·306	Short fracture at a knot.
..	..	..	..	..	..	5,404	·330	Fibrous fracture.
..	..	..	..	..	..	5,320	·252	Good fracture.
..	..	..	..	..	..	3,864	·212	Short fracture at a knot.
..	..	..	..	..	..	5,264	·320	Good fracture.
..	..	..	..	..	..	5,096	·324	Do.
..	..	..	..	..	..	3,136	·229	Quite short and sudden fracture.
..	..	..	..	..	..	2,800	·380	Quite short fracture. This specimen had several knots severed.
..	..	..	..	..	..	1,144	·220	Specimen very bad and full of knots.
..	..	..	..	..	..	2,688	·150	Sudden diagonal fracture; fibres in specimen diagonal.
..	..	..	..	..	..	3,836	·250	Rather short fracture.
..	..	..	..	..	..	2,919	·170	Sudden diagonal fracture; fibres in specimen diagonal.
..	..	..	..	..	..	2,912	·340	Short fracture.
..	..	..	..	..	..	5,292	·394	Short, but not a sudden fracture; rather fibrous.
..	..	..	..	..	..	4,116	·186	Short fracture.
..	..	..	..	..	..	5,208	·340	Good fracture.
..	..	..	..	..	..	4,928	·228	Short fracture; started at a small knot.
..	..	..	..	..	..	3,360	·440	Good fibrous fracture.
..	..	..	..	..	..	2,912	·493	Good fracture.
..	..	..	..	..	..	3,248	·490	Do.
..	..	..	..	..	..	3,864	·403	Good fibrous fracture.
..	..	..	..	..	..	2,604	·340	Short fracture; specimen worm-eaten.
..	..	..	..	..	..	2,576	·272	Short fracture; specimen worm-eaten; frost.
..	..	..	..	..	..	2,800	·335	Good fracture; started at shake in specimen.
..	..	..	..	..	..	2,492	·340	Good fracture; specimen worm-eaten.
..	..	..	..	..	..	4,060	·625	Not a very good fracture.
..	..	..	..	..	..	4,760	·440	Short and sudden fracture.
..	..	..	..	..	..	5,460	·600	Good fibrous fracture.
..	..	..	..	..	..	4,620	·450	Good fracture.
..	..	..	..	..	..	2,184	·390	Short fracture.
..	..	..	..	..	..	2,240	·335	Do.

TABLE II.—*continued.*

No. of Specimen.	Local Name.	Botanical Name.	Size, all 16 in. long by	Deflection lbs. 2,240	lbs. 3,360	lbs. 4,480	lbs. 5,600
	VICTORIA.		" "				
39 C.	Spurious Mulberry Tree.	Lomatia Frazerii, Br.	2 by 2	·243	broke	..	..
39 D.	Do.	Do.	"	·282	"	..	..
39 A*a*.	Do.	Do.	"	broke	..	..	..
39 A*b*.	Do.	Do.	"	"	..	..	..
39 A*c*.	Do.	Do.	"	·303	broke	..	..
39 A*d*.	Do.	Do.	"	·227	"	..	..
40 A.	Coast Honeysuckle	Banksia integrifolia, L.	"	·230	"	..	..
40 B.	- - - -	- - - - -	"	·268	"	..	..
40 C.	- - - -	- - - - -	"	·223	"	..	..
40 D.	Coast Honeysuckle	Banksia australis, Br.	2 by $1\frac{1}{16}$	broke	..	..	..
42 A.	- - - -	- - - - -	2 by 2	·081	·126	·222	broke
42 B.	- - - -	- - - - -	$1\frac{1}{16}$ by $1\frac{1}{16}$	·105	·179	broke	..
42 C.	- - - -	- - - - -	2 by 2	·079	·118	·198	broke
42 D.	- - - -	- - - - -	$1\frac{1}{16}$ by $1\frac{1}{16}$	·118	·184	broke	..
42 A*a*.	- - - -	- - - - -	2 by 2	·086	·126	·249	broke
42 A*b*.	- - - -	- - - - -	"	·078	·126	·225	"
42 A*c*.	- - - -	- - - - -	"	·096	·150	·282	"
42 A*d*.	- - - -	- - - - -	"	·088	·149	broke	..
43 A.	- - - -	- - - - -	$1\frac{1}{16}$ by 2	·110	·171	"	..
43 B.	- - - -	- - - - -	2 by 2	·084	·131	"	..
43 C	- - - -	- - - - -	"	·133	·204	"	..
43 D.	- - - -	- - - - -	"	·073	·128	·246	broke
44 A.	Honeysuckle	Banksia australis, Br.	$1\frac{1}{2}$ by 2	broke	..	..	..
44 B.	Do.	Do.	2 by 2	"	..	..	..
44 C.	Do.	Do.	"	"	..	..	..
44 D.	Do.	Do.	"	"	..	..	..
45 A.	Wattle	Acacia mollissima, W.	2 by $1\frac{1}{16}$	·110	·287	·530s	broke
45 B.	Do.	Do.	2 by 2	·098	·170	broke	..
45 C.	Do.	Do.	"	·086	·164	"	..
45 D.	- - - -	- - - - -	"	·097	·153	·299	broke

TABLE II.—*continued.*

at a Weight of						Breaking Weight in lbs.	Deflection at time of Fracture.	Remarks.
lbs. 6,720	lbs. 7,840	lbs. 8,960	lbs. 10,080	lbs. 11,200	lbs. 12,320			
..	..	..	..	..	..	2,464	·280	Rather long diagonal fracture; started at a knot.
..	..	..	..	..	..	2,408	·350	Rather good fracture.
..	..	..	..	..	..	1,232	·298	Short fracture.
..	..	..	..	..	..	2,100	·275	Rather good fracture.
..	..	..	..	..	..	2,324	·338	Rather short cross fracture.
..	..	..	..	..	..	2,324	·316	Good fracture.
..	..	..	..	..	..	2,688	·380	Short fracture.
..	..	..	..	..	..	2,464	·680	Tough fibrous fracture.
..	..	..	..	..	..	2,464	·492	Cleavage; fibres parted.
..	..	..	..	..	..	2,184	·274	Inclined to be short fracture.
..	..	..	..	..	..	5,780	·603	Short fibrous fracture.
..	..	..	..	..	..	4,424	·628	Good fracture.
..	..	..	..	..	..	5,488	·630	Good short fibrous fracture.
..	..	..	..	..	..	3,696	·240	Quite short and sudden fracture.
..	..	..	..	..	..	5,180	·982	Very good tough fibrous fracture.
..	..	..	..	..	..	5,040	·825	Do. do.
..	..	..	..	..	..	4,732	·670	Not a very good fracture; rather short.
..	..	..	..	..	..	4,396	·570	Good and rather long fracture.
..	..	..	..	..	..	4,424	·424	Not a very good fracture.
..	..	..	..	..	..	4,368	·254	Rather short and sudden fracture.
..	..	..	..	..	..	4,144	·544	Good fracture.
..	..	..	..	..	..	5,096	·995	Good fibrous fracture.
..	..	..	..	..	..	756	·380	Very short fracture.
..	..	..	..	..	..	540	..	Short fracture.
..	..	..	..	..	..	840	·276	Very short fracture.
..	..	..	..	..	..	1,240	·365	Short fracture.
..	..	..	..	..	..	3,612	·982	Good tough fracture.
..	..	..	..	..	..	3,696	·230	Quite short fracture.
..	..	..	..	..	..	4,228	·440	Not a very good fracture.
..	..	..	..	..	..	4,760	·540	Good fibrous fracture.

TABLE III.

In the following Table the Woods are arranged in the Order of their Breaking Weights.

No. of Specimen.	Name of Wood.	Colony.	Breaking Weight reduced to 12 in. by 2 in. sq.
			lbs.
1 A. B. C. D.	White or pale Iron Bark	New South Wales (South)	11158·0
257 B. C.	Pui	Trinidad	10388·0
4 A. B.	Canasin	British Honduras	9828·0
221 A. B.	Guatamare	Do.	9576·0
8 A. B.	Iron Bark (Hunter River)	New South Wales	9301·0
4,754 A. B.	Iron Wood	East India	9254·0
120 A. B.	Acacia sp.	Queensland	9142·0
2,468 A.	Pannaga	East India	8960·0
2,471 A.	Kasso	Do.	8848·0
297 A. B. C. D.	Red Heart	Jamaica	8825·0
121 A. B. Aa. Ab.	Weeping Myall	Queensland	8813·0
13 A. B. C. D.	Bastard Box	New South Wales (South)	8757·0
11 A. B. C. D.	Bastard Box of Illawarra	Do.	8582·0
5 A. B. C. D.	Iron Bark	Do.	8442·0
355 A. B.	Black Rose-wood	Jamaica	8442·0
2 A. B. C.	White Iron Bark	New South Wales (South)	8316·0
18 A. B.	Boxwood	Liberia	8260·0
10,358 A. B.	Gangan	East India	8232·0
223 A. B. C. D.	Braziletto	Jamaica	8176·0
16 A. B. C. D.	Burneh Bully or Bullet Tree.	British Guiana	7903·0
122 A. B. Aa. Ab.	Bricklow	Queensland	8078·0
5 A. B.	Iron Bark (Hunter River)	New South Wales	8064·0
20 A. B. C. D.	Cuamara or Tonka	British Guiana	8116·0
3 A. B. C.	Iron Bark	New South Wales (South)	8103·0
77 A. B.	Iron Bark of the Clarence	New South Wales (North)	8036·0
350 A. B.	Green Heart	Jamaica	8008·0
2 A. B.	Cranadillo	British Honduras	7994·0
216 A. B. C. D.	Dog Wood	Jamaica	7840·0
8 A. B. C. D.	Narrow-leaved Iron Bark	New South Wales (South)	7826·0
358 A. B. C.	White Rose Wood	Jamaica	7812·0
10,373 A.	Gnoo-Shwoay	East India	7056·0
5,600 A.	Sissoo (black)	Do.	7728·0
17 A. B. C. D.	Dthackai Courroo	New South Wales (South)	7728·0
2,462 A. B.	Balow	East India	7700·0
7,093 A.	Gading-gading	Do.	7700·0
345 A. B.	Wild Orange	Jamaica	7672·0
4 A. B. C. D.	Broad-leaved Rough Iron Bark.	New South Wales (South)	7651·0
339 A. B. C. D.	Naseberry Bullet Tree	Jamaica	7259·4
2,345 A.	? Tenasserim Mahogany	East India	7616·0
2 A.	Iron or Beef Wood	Ceylon	7616·0
67 A. B. Aa. Ab.	Spotted Gum	Queensland	7532·0
84 A. B.	Black Wattle of Illawarra	New South Wales (South)	7499·0
64 A. B. Aa. Ab.	Grey Iron Bark	Queensland	7476·0
60 A. B.	Hickory Lignum Vitæ	New South Wales (North)	7453·0
115 A. B.	Acacia	Queensland	7448·0
10,379 A. B.	Padouk	East India	7448·0
11 A. B. C.	Black Gum	Liberia	7429·0
89 A. B.	Found in Brush Forests on the Clarence.	New South Wales (North)	7423·0
65 A. B. Aa. Ab.	Red Iron Bark	Queensland	7406·0
63 A. B. Aa. Ab.	Black Iron Bark	Do.	7345·0
21 A. B. C. D.	Blue Gum	New South Wales (South)	7364·0
26 A. B. C. D. Ab. Ac. Ad.	Green Heart	British Guiana	7363·0
363 A. B. C. D.	Gum Topped Stringy Bark, or White Gum.	Tasmania	7312·0
21 A. B. C. D.	Caoutchouc	British Honduras	7224·0
106 A. B.	Iron Wood	New South Wales (North)	7224·0
72 A. B. Aa. Ab.	Woolly Butt	Queensland	7182·0
103 A. B.	Grey Gum	New South Wales (North)	7182·0
109 A. B. Aa. Ab.	Olive Tree	Queensland	7182·0
160 A. B.	White Lance Wood	Jamaica	6748·0
217 A. B.	Locust	Trinidad	7168·0

TABLE III.—*continued.*

No. of Specimen.	Name of Wood.	Colony.	Breaking Weight reduced to 12 in. by 2 in. sq.
			lbs.
84 A. B.	Marble Wood	New South Wales (North)	7154·0
558 C. for A. B. C.	Blue Gum	Tasmania	7112·0
27 A. B. C. D.	Black Butt Gum	New South Wales (South)	7103·0
228 A. B.	Yellow Candle Wood	Jamaica	7098·0
556 A. B. C. D.	Blue Gum	Tasmania	7065·0
10,440 A.	Bamun	East India	7056·0
140 A. B.	Sandal Wood	Do.	7028·0
40 A. B. C.	Uroobie	New South Wales (North)	7028·0
201 A. B. C.	Red Candle Wood	Jamaica	6991·0
28 A. B. C. D.	Native Plum	New South Wales (North)	6972·0
63 A. B.	Wyagerie	Do. do. do.	6972·0
341 A.	Iron Wood	Jamaica	6720·0
10,367 A. B.	Boomayza	East India	6930·0
214 A. B. C. D.	Savonette Jaune	Trinidad	6713·0
74 A. B.	White Myrtle	New South Wales (North)	6860·0
47 A.	Stringy Bark	Do. do. (South)	6860·0
9 A.	Blue Gum (Hunter River)	Do. do.	6860·0
7 A. B. C. D.	Narrow-leaved Smooth or Red Iron Bark.	Do. do. (South)	6804·0
10,376 A.	Yin-dike	East India	6776·0
117 A. B. A*a*. A*b*.	Rosewood	Queensland	6706·0
5,598 A.	Sâl	East India	6720·0
97 A. B.	Sersalisia Sericea	Queensland	6706·0
276 A. B.	Guatecare	Trinidad	6692·0
10,477 A. B. C.	Kay Yoob	East India	6683·0
10,357 A.	Theya	Do.	6664·0
243 A. B.	Acoma or Mastic	Trinidad	6650·0
265 A. B.	Red Mangrove	Do.	6342·0
108 A. B. A*a*. A*b*.	Canthium Lamprophyllum	Queensland	6629·0
55 A. B.	Water Gum	New South Wales (South)	6622·0
147 A.	Ternwah?	East India	6608·0
18 A.	Kaskat	British Honduras	6608·0
61 A. B. A*a*. A*b*.	Myrtaceæ	Queensland	6566·0
24 A. B. A*a*. A*b*.	Broad-leaved Cherry	Do.	6517·0
57 A. B.	Iron Wood	Do.	6496·0
10,352 A. B.	Eng	East India	6468·0
22 A. B. C. D.	Iron Bark Tree	Victoria	6279·0
24 A. B.	Woolly Butt of Illawarra	New South Wales (South)	6468·0
10,388 A. B.	Pangah	East India	6468·0
4,668 A.	Dhowrah	Do.	6440·0
7,067 A.	Bia-babi	Do.	5852·0
10 A. B. C.	Cedar	Liberia	6437·0
13 A. B.	Bullet Wood	British Honduras	6412·0
17 A.	Sapodilla	Do.	6384·0
10,348 A. B.	Petwoon	East India	6384·0
46 A. B. C. D.	Stringy Bark of Coast	New South Wales (South)	6384·0
319 A*a*. A*b*. B*a*. B*b*. B*c*. B*d*. C*a*. C*b*. E*a*. E*b*.	Cocoa Nut	Jamaica	6382·0
88 A. B.	Found in Brush Forests on the Clarence.	New South Wales (North)	6370·0
58 A. B. A*a*.	Myrtle	Queensland	6365·0
10,390 A. B.	Htoukgyan	East India	6356·0
38 A. B. C. D.	Grey Gum from Brisbane Water.	New South Wales (South)	6356·0
185 A. B. C. D.	Noyer	Trinidad	6307·0
36 A. B. C. D.	Larrabie	New South Wales (North)	6297·0
25 A. B.	Rough-barked Gum	Do. do. (South)	6230·0
5,695 A.	Sissoo (Red)	East India	6216·0
48 A. B. C. D.	Stringy Bark, Camden	New South Wales (South)	6209·0
70 A. B.	Myrtle	Do. do. do.	6191·0
12 A. B. A*a*. A*b*.	Flindosa	Queensland	6139·0
10,478 A. B. C.	Nat Gyee	East India	6179·0
10,485 A. B. C.	Padouk	Do.	6197·0
64 A. B.	Broad-leaved Tree	New South Wales (South)	6159·0
226 A. B. C. D.	Angelin	Trinidad	6148·0
123 A. B.	Acacia	Queensland	6146·0
48 A. B. C. A*a*. A*b*.	Cyminosma Oblongifolia	Do.	6146·0
44 A. B.	Mahogany	New South Wales (South)	6118·0
328 A. B.	Black Bullet Tree	Jamaica	6118·0
237 A. B.	Sapodilla, Sapotillier	Trinidad	6100·0

TABLE III.—*continued.*

No. of Specimen.	Name of Wood.	Colony.	Breaking Weight reduced to 12 in. by 2 in. sq.
			lbs.
28 A. B. C. A. B. C. D.	- - - - -	Victoria - - -	6255·0
10 A. B. C. D.	Box of Illawarra - -	New South Wales (South)	6064·0
5,602 A.	Abloos or Kandoo - -	East India - - -	6048·0
23 A. B.	Grey Gum - - -	New South Wales (South)	6048·0
7,086 A.	Dammer-laut - -	East India - - -	6020·0
105 A. B.	River or White Oak -	New South Wales (South)	6006·0
54 A. B.	Turpentine - -	Do. - - -	6005·0
40 A. B. C. D.	Messmate - - -	Do. - - -	5999·0
4,671 A.	Baubul - - -	East India - - -	5992·0
37 A. B.	Eucalyptus, sp. - -	New South Wales (South)	5992·0
68 A. B. *Aa.* *Ab.*	Turpentine Tree - -	Queensland - -	5964·0
44 A. B. *Aa.* *Ab.*	Tulip Wood - -	Do. - - -	5943·0
363 A.	Beech Wood -	Jamaica - - - -	5936·0
67 A. B.	Nono Gyinandii -	New South Wales (North)	5908·0
10,397 A.	Thabyehgah - -	East India - - -	5880·0
373 *Ca.* *Cb.* *Cc.*	For 11 specimens Stringy Bark.	Tasmania - - -	5833·0
21 A. B.	Wootarie - - -	New South Wales (North)	5824·0
218 A. B. C. D.	Naranjillo Amarillo -	Trinidad - - -	5824·0
80 A. B.	- - - - -	East India - - -	5824·0
5,610 A.	Koozoon - - -	Do. - - -	5824·0
9 A. B.	Swamp Oak - -	Queensland - -	5796·0
200 A. B. C. D.	Laurier Canelle - -	Trinidad - - -	5796·0
10,489 A. B.	Kya Ya - - -	East India - - -	5782·0
5 A. B. C. D.	Brush Bastard or White Box.	New South Wales (North)	5774·0
10,410 A. B.	Hteingalah - -	East India - - -	5768·0
8 A. B. C. D.	- - - - -	Victoria - - -	5748·0
10,482 A. B.	Pune Thah - -	East India - - -	5726·0
15 A.	Mabinjuh or Mabinjuj -	British Honduras - -	5712·0
10,406 A. B.	Binjah - - -	East India - - -	5712·0
5,601 A.	Burdur - - -	Do. - - -	5712·0
43 A. B.	Bat and Ball, Native Orange? Native Pomegranate.	New South Wales (North)	5711·0
19 A. B. *Aa.* *Ab.*	Lightwood - -	Queensland - - -	5705·0
73 A. B. C. D.	Blue Gum - - -	Do. - - -	5663·0
57 A. B. C. D.	Hickory - - -	New South Wales (South)	5657·0
71 A. B. *Aa.*	Swamp Mahogany -	Queensland - - -	5656·0
267 A. B. C. D.	White Bully Tree -	Jamaica - - -	5586·0
14 A. B.	Tastab - - -	British Honduras - -	5460·0
54 A. B.	Schmidelia Pyriformis -	New South Wales (North)	5632·0
338 A. B. C.	Spanish Elm - -	Jamaica - - -	5619·0
111 A. B. C. D.	Water Gum - -	New South Wales (North)	5605·0
4,662 A.	Dhengun - - -	East India - - -	5096·0
185 A.	? Black Wood - -	Do. - - -	5600·0
5,607 A.	Peasal - - -	Do. - - -	5600·0
7,629 A. B.	Boom Mai Za - -	Do. - - -	5600·0
23 A. B. *Aa.* *Ab.*	Mountain Ash - -	Queensland - - -	5593·0
66 A. B. *Aa.* *Ab.*	Stringy Bark - -	Do. - - -	5572·0
29 A. B. *Aa.* *Ab.*	Lignum Vitæ - -	Do. - - -	5565·0
280 A. B. C. D.	Genipa - - -	Trinadad - -	5551·0
10,491 A. B.	Zeangyeevat-doup -	East India - - -	5544·0
53 A. B.	Caripa Ovata - -	New South Wales (North)	5530·0
3,953 A.	Rohnee - - -	East India - - -	5012·0
66 A.B.	Bastard Myall - -	New South Wales (North)	5502·0
15 A. B. C.	Box - - - -	Do. do. (South)	5501·0
10,417 A.	Paet-than - - -	East India - - -	5488·0
218 A. B.	Dog Wood - - -	Jamaica - - -	5474·0
42 A. B. C.	Swamp Mahogany -	New South Wales (South)	5451·0
354 A. B.	Sweet Wood - -	Jamaica - - -	5446·0
5,609 A.	Kechar - - -	East India - - -	5432·0
49 A. B. C. D.	Stringy Bark, Berrima -	New South Wales (South)	5428·0
88 A. B. *Aa.* *Ab.*	Bursaria Ferruginea -	Queensland - -	5418·0
262 A. B. C. D.	Olivier - - -	Trinidad - - -	5404·0
1,220 A. B.	Ungun - - -	East India - - -	5390·0
4,664 A.	Beejah - - -	Do. - - -	5376·0
7,089 A.	Bintaling - - -	Do. - - -	5376·0
10,226 A.	Sissoo - - -	Do. - - -	5376·0
137 A. B.	Wallandun Deyern -	New South Wales (South)	5367·0
220 A. B.	Casse - - -	Trinidad - - -	5368·0

TABLE III.—*continued.*

No. of Specimen.	Name of Wood.	Colony.	Breaking Weight reduced to 12 in. by 2 in. sq.
			lbs.
11 A.	Chucya - - -	British Honduras - -	5348·0
16 A. B.	Subin or Cubin - -	Do. - - -	5334·0
10,420 A. B.	Thau-day - - -	East India - - -	5320·0
104 A.B. A*a*. A*b*.	Found in the Bricklow Scrubs.	Queensland - -	5306·0
180 B. C. D.	Crabtree - - -	Trinidad - - -	5189·0
196 A. B.	Beef Wood - - -	Do. - - -	5292·0
61 A. B. C. D.	Wyagerie Flindosa -	New South Wales (North)	5292·0
3,952 A.	Iymungul - - -	East India - - -	5264·0
372 A. B.	Beef Apple - - -	Jamaica - - -	5250·0
10,356 A. B.	Engyin - - -	East India - - -	5222·0
80 A.B. A*a*. A*b*.	Bottle Brush Tree - -	Queensland - -	5222·0
24 A. B. C. D.	Wyagerie or Cugeri Ash, Beech and Flindosa.	New South Wales (North)	5215·0
90 A. B.	Pittisporaceæ - -	Queensland - -	5218·0
14 A. B.	Found near Lismore, near Richmond River.	New South Wales (North)	5208·0
25 A.	Roble Blanco - -	British Honduras - -	5780·0
10,434 A.	Theetmin - - -	East India - - -	5153·0
1 A. B. C. D.	Peppermint Tree - -	Victoria - - -	5110·0
8 A. B. C. D. A*a*. A*b*. C*a*. C*b*. C*c*. C*d*. for 13 specimens.	Black Wood - -	Tasmania - - -	5065·0
2,474 A.	Bromboug - - -	East India - - -	5096·0
4 A.	Satin Wood - -	Ceylon - - -	5096·0
30 A. B. C.	? - - - -	East India - - -	5087·0
7,092 A.	Madang Serai - -	Do. - - -	5063·0
270 A. B. A*a*. A*b*. A*c*. A*d*.	Wild Guana - -	Trinidad - -	4979·0
6 A. B. A*a*. A*b*.	Forest Oak - - -	Queensland - -	5047·0
10,382 A.	Pouk-theuma-Myek-Kyouk.	East India - -	5040·0
106 A.B. A*a*. A*b*. B*a*. B*b*. C*a*. C*b*.	Geifera Salicifolia -	Queensland - -	5040·0
3 A. B.	Coast Tea Tree - -	Victoria - - -	4578·0
32 A. B. A*a*. A*b*.	Plum Tree - - -	Queensland - -	5033·0
2 A. B. C. D. A*a*. A*b*. A*c*. A*d*.	Grey Box Tree - -	Victoria - - -	4949·0
7,071 A.	Marbow - - -	East India - - -	5012·0
10,349 A. B.	Dwa Nee - - -	Do. - - -	5012·0
64 A. B.	Tea Tree - - -	New South Wales (North)	4998·0
155 A. B.	Found at Illawara and Brisbane Water.	New South Wales (South)	4984·4
4,660 A.	Surrye - - -	East India - - -	4984·0
111 A. B. A*a*. A*b*.	Notelæa Longifolia -	Queensland - -	4977·0
102 A. B. C. D.	Flooded Gum - -	New South Wales (North)	4965·0
10,399 A. B.	Laizah - - -	East India - - -	4946·0
15 B. C. D.	Mora - - -	British Guiana - -	4788·0
114 A. B.	Brush Iron Bark - -	New South Wales (North)	4943·0
21 A. B. C. D.	Black Oak - - -	Liberia - - -	4933·0
1 A. B. C.	Siricote - - -	British Honduras - -	4928·0
53 A. B. A*a*. A*b*.	Myrtus Trinervis -	Queensland - -	4928·0
4,665 A.	Kowah - - -	East India - - -	4928·0
54 A. B. A*a*. A*b*.	Myrtus Argentea - -	Queensland - -	4914·0
79 A. B. A*a*. A*b*.	Common Tea Tree -	Do. - - -	4907·0
55 A. B. A*a*. A*b*.	Backhousia Citriodora -	Do. - - -	4900·0
91 A. B.	Crab Tree - - -	Do. - - -	4900·0
6 A. B. C.	Eucalyptus, found at Buffalo.	Victoria - - -	4900·0
29 A. B. C. D. A*a*. A*b*. A*c*. A*d*. A. B.	- - - - -	Do. - - -	4899·0
222 A. B. C. D.	Palo Mulata - -	Trinidad - - -	4896·0
7,066 A.	Rungas - - -	East India - - -	4894·0
36 A. B. A*a*. A*b*.	Pseudalangium Tomentosum.	Queensland - -	4893·0
34 A. B. C. D.	- - - - -	Victoria - - -	4886·0
154 A. B.	Nettle Tree - - -	New South Wales (South)	4886·0
45 A. B. A*a*. A*b*.	Schmidelia Pyriformis -	Queensland - -	4886·0
42 A. B. C. D. A*a*. A*b*. A*c*. A*d*.	- - - - -	Victoria - - -	4868·0
169 A. B. C. D.	Red Wood - - -	Jamaica - - -	4865·0
7 A. B. C.	Whismore - - -	Liberia - - -	4853·0

TABLE III.—*continued.*

No. of Specimen.	Name of Wood.	Colony.	Breaking Weight reduced to 12 in. by 2 in. sq.
			lbs.
3 A.	Yaming	Ceylon	4844·0
177 A. B. C. D.	Mountain Ash	New South Wales (South)	4832·0
113 A. B. *Aa. Ab.*	Mangrove	Queensland	4816·0
104 A. B.	Bitter Bark	New South Wales (North)	4816·0
47 A. B. C. D.	Rosewood	Do. Do.	4802·0
38 A. B. C. D.	Native Cherry Tree	Victoria	4792·0
4 A. B. C. D.	Monkey Nut	British Guiana	4780·0
69 A. B.	Found at Clarence and Richmond Brush Forests.	New South Wales (North)	4774·0
210 A B. C.	Casuarina equisetifolia	Jamaica	4769·0
10,384 A.	Thitsee	East India	4760·0
7,529 A.	Asna or Asan	Do.	4760·0
6,542 A.	? Kokoh	Do.	4760·0
46 D.		Victoria	4760·0
10,355 A. B.	Thingadoe	East India	4746·0
351 A.	Musk Wood	Jamaica	4740·0
3 A. B. C.	Gooroie	New South Wales (North)	4732·0
10,416 A. B.	Toung-za-lat	East India	4732·0
145 A.	Box ?	Do.	4732·0
326 A. B.	Red Wood	Jamaica	4718·0
7,514 A. B.	Sakhoo	East India	4714·0
3,951 A.	Pindra	Do.	4724·0
7,531 A.	?	Do.	4704·0
3,961 A.	Mowah	Do.	4704·0
46 A. B. *Aa. Ab.*	Catha Cunninghami	Queensland	4697·0
84 A. B. *Aa. Ab.*	Satin Wood	Do.	4690·0
16 A.	Flooded Gum	New South Wales (South)	4681·0
332 A. B. C. D.	Hog Berry	Jamaica	4662·0
10,393 A. B.	Bambonay	East India	4648·0
34 B.	Dark Yellow Wood	Queensland	4634·0
208 A. B. C. D.	Canto	Trinidad	4622·0
60 A. B. *Aa.*	Myrtus Australis	Queensland	4620·0
10 A. B. C. D. *Aa. Ab. Ac. Ad.*	Woolly Butt	Victoria	4608·0
155 A. B. C. D.	Tapana Tapanari, or Algodon.	Trinidad	4763·0
118 A. B. *Aa. Ab.*	Acacia Sapindoides	Queensland	3290·0
43 A. B. C. D.		Victoria	4581·0
7,090 A.	Kumpas	East India	4564·0
69 A. B. *Aa. Ab.*	Smooth-barked Gum	Queensland	4556·0
20 A. B. *Aa. Ab. Ba. Bb.*		Do.	4550·0
7,072 A.	Klat	East India	4256·0
2,493 A.	Klaydang	Do.	4536·0
9 A. B. C.		Victoria	4535·0
51 A. B. C. D.	Pencil Cedar; Turnip Wood.	New South Wales (North)	4515·0
376 A. B.	Blood Red Wood; Black Mahogany.	Jamaica	4508·0
26 A. B.	Cherry of the Clarence	New South Wales (North)	4508·0
2,470 A.	Klat Mera	East India	4480·0
6,550 A.	? Pangah	Do.	4480·0
374 A. B. C. D.	Blue Gum	Tasmania	4467·0
45 A. B.	Clarence and Richmond Brush.	New South Wales (North)	4466·0
168 A. B. C. D.	Surette	Trinidad	4445·0
24 *Aa. Ab.*		Hungary	4438·0
10,359 A. B.	Toung-tha-lay	East India	4438·0
43 A. B. C. D.	Swamp Mahogany	New South Wales (South)	4438·0
2 A. B. C. D.		Hungary	4135·0
3,055 A.	Kardahee	East India	4424·0
2,465 A.	Marabow	Do.	4396·0
144 A.	Bengha	Do.	4396·0
94 A. B.	Silver Tree	Queensland	4382·0
7,520 A.	?	East India	4368·0
40 A. B. *Aa. Ab.*	Cupania sp.	Queensland	4354·0
384 A. B. C. D.	Black Mahogany, or Blood Red Wood.	Jamaica	4347·0
284 A. B.	Tecoma Stans	Do.	4340·0
7 A. B. C. D.	Mooraballi	British Guiana	4327·0
7,622 A. B. C. D.	Oak Au	East India	4319·0
7,075 A.	Jermalang	Do.	4312·0

TABLE III.—*continued.*

No. of Specimen.	Name of Wood.	Colony.	Breakin Weight reduced to 12 in. by 2 in. sq.
			lbs.
6,548 A.	? Nabhay	East India	4312·0
5 A. B.	Kakaralli	British Guiana	4312·0
10,386 A.	Nabhay	East India	4312·0
219 A. B. C. D.	Tamarind	Trinidad	4284·0
89 A. B.	Bursaria Spinosa	Queensland	4284·0
81 A. B. *a*. *b*.	Croton Phebalioides	Do.	4284·0
18 A. B. C.	Blue Gum of Coast Districts.	New South Wales (South)	4265·5
164 A. B. C. D.	Blood or Iron Wood	Jamaica	4263·0
5,608 A.	Koozoom	East India	4256·0
171 A. B. C. D.	Galba	Trinidad	4240·0
15 A. B. C. D.	Burr Wood	Liberia	4235·0
252 A. B. C.	White Mangrove	Jamaica	4228·0
18 A. B. C.	Caraba or Crab Wood	British Guiana	4219·0
52 A. B. C. D.	Apple Tree of Coast	New South Wales (South)	4202·0
205 A. B. C. D.	Canturo	Trinidad	4211·0
10,354 A. B.	Thin Ghau	East India	4200·0
11 A. B.	- - -	Hungary	4196·0
10,380 A.	Kokoh	East India	4144·0
93 A. B. *a*. *b*.	Stevenliaceæ	Queensland	4137·0
9 A. B. C.	- - -	Hungary	4130·0
206 A. B. C. D. A. C.	Bois de fer	Trinidad	4107·0
17 A. B.	Brimstone	Liberia	4102·0
207 A. B. C. D.	Canto	Trinidad	4095·0
4,661 A.	Iwinrusse	East India	4088·0
7 A. B. C.	- - -	Victoria	4088·0
44 A. B.	Black Myrtle	New South Wales (North)	4088·0
70 A. B. *a*. *b*.	Blood Wood	Queensland	4088·0
20 A. B.	Blue Gum	New South Wales (South)	4074·0
27 A. B. C.	Native Tamarind	Do. do. (North)	4069·0
60 A. B. C.	Common Tea Tree	Do. do. (South)	4065·0
86 A. B. ?	Woodunpar	East India	4060·0
10,405 A. B.	Huau	Do.	4060·0
10,375 A. B.	May-za-lei	Do.	4046·0
201 A. B. C. D. *a*. *b*. *c*. *d*.	Laurier Blanc	Trinidad	4074·0
5,599 A.	Teak Sasoon	East India	4032·0
369 A. B. C. D.	Tea Tree	Tasmania	4039·0
6 A. B. C. D.	Red Box	New South Wales (North)	4007·0
11 A. B. *a*. *b*.	Light Yellow Wood	Queensland	3997·0
10 A. B.	Menem	New South Wales (North)	3990·0
109 A. B.	Swamp Mahogany	Do. do.	3990·0
4,658 A.	Putteereca Sayoon	East India	3976·0
49 A. B. *a*. *b*.	Mimusops Parviflora	Queensland	3976·0
105 A. B.	Light Yellow Wood	New South Wales (North)	3976·0
163 A.	Mahor des Londres	Trinidad	3976·0
5,603 A.	Assáu	East India	3976·0
17 A. B.	Pobo	New South Wales (North)	3948·0
6,547 A.	? Khyong-yook	East India	3948·0
320 A. B.	Yoke Wood	Jamaica	3948·0
166 A. B. C.	Soapnut Tree	Trinidad	3920·0
10,364 A.	Pinlay Oong	East India	3920·0
23 A. B. C. D.	Urra Wymbie	New South Wales (North)	3913·0
22 A. B. C. D.	Mahogany	Liberia	3887·0
45 A. B. C.	Wattle	Victoria	3884·0
59 A. B.	Prickly Tea Tree	New South Wales (South)	3880·0
4,659 A.	Doodhea Sayoon	East India	3864·0
212 A. B.	Balsam Capivi	Trinidad	3864·0
10,225 A.	Saul	East India	3864·0
33 A.	Rosewood	Queensland	3850·0
— A.	Pine (Hunter River)	New South Wales (South)	3845·0
1 A. B.	Bogum Bogum	Do. (North)	—
10,394 A. B.	Thabyehgjo	East India	3836·0
4,667 A.	Trosum	Do.	3808·0
127 A.	Tamarind	New South Wales (South)	3808·0
168 A. B.	Beech Brush Cherry	Do.	3789·0
3,957 A.	Tine or Sisso	East India	3780·0
10 A. B. C. D.	- - -	Hungary	3780·0
59 A. B. *a*. *b*.	Myrtus Aemeniodes	Queensland	3766·0
3,954 A.	Londya	East India	3752·0
23 A.	Yaxnic or Yaxnig	British Honduras	3752·0
47 A. B. *a*. *b*.	Lime	Queensland	3710·0

TABLE III.—*continued.*

No. of Specimen.	Name of Wood.	Colony.	Breaking Weight reduced to 12 in. by 2 in. sq.
			lbs.
4 A. B. C. D.	- - - - -	Hungary - - -	3677·0
29 A. B. C.	Hitchia - - -	British Guiana - -	3672·0
10,475 A. B.	Manee Auka - -	East India - - -	3668·0
62 A. B. *Aa. Ab.*	Black Iron Bark - -	Queensland - -	3668·0
110 A. B. *Aa. Ab.*	Ixora Thozetiana - -	Do. - - -	3654·0
10,221 A.	Philibut - - -	East India - - -	3640·0
3,956 A.	Taman - - -	Do. - - -	3640·0
187 A. B. C. D.	Gommier - - -	Trinidad - - -	3633·0
93, 94 A. B. C. D.	Myrtle - - -	Tasmania - - -	3635·0
7,618 A. B.	Thin Ghau - - -	East India - - -	3598·0
1 A. B. C. D.	- - - - -	Hungary - - -	3585·0
5,604 A.	Gumbara - - -	East India - - -	3584·0
7,517 A.	Toon - - - -	Do. - - -	3584·0
17 A. B. C.	A. - - - -	Hungary - - -	3563·0
169 A. B. C. D.	Paraman - - -	Trinidad - - -	3561·0
248 A. B. C. D.	Cypre" - - -	Do. - - -	3235·0
17 A. B. *Aa. Ab.*	Tulip Tree - - -	Queensland - -	3535·0
2,488 A.	Madang Sarya Batoo -	East India - - -	3528·0
198 A. B. C. D.	Laurel - - -	Trinidad - - -	3520·0
9,239 A.	Bayang Bada - -	East India - - -	3192·0
25 A. B. *Aa. Ab.*	Cherry - - -	Queensland - -	3507·0
93 A. B.	Celtis Opaca - -	New South Wales (North)	3500·0
10,361 A. B.	Poonyet - - -	East India - - -	3500·0
10,409 A. B.	Htein - - -	Do. - - -	3500·0
140 A. B.	Light Wood, Leather Jacket, Coach Wood.	New South Wales (South)	3472·0
77 A. B.	Broad-leaved Tea Tree -	Queensland - -	3472·0
12 B.	True or Yellow Box of Camden.	New South Wales (South)	3472·0
7 A. B. C. D.	- - - - -	Hungary - - -	3456·0
19 B. C.	For 8 specimens, Cedar -	Liberia - - -	3455·0
15 A. B. C.	Musk Tree - - -	Victoria - - -	3453·0
7 A. B.	Buranna - - -	New South Wales (North)	3450·0
16 A. B.	Cherry - - -	Liberia - - -	3448·0
35 A. B. C. D.	Stringy Bark - -	Victoria - - -	3430·0
20 *Aa. Ab. Ac. Ad.*	Mahogany - - -	Liberia - - -	3420·0
365 A. B.	Wild Cinnamon - -	Jamaica - - -	3416·0
5,597 A.	Guringa - - -	East India - - -	3416·0
2,476 A.	Marsawa - - -	Do. - - -	3416·0
19 A. B. C. D.	Blue Gum of Camden -	New South Wales (South)	3416·0
52 A. B. *Aa. Ab.*	Hodgkinsonia Ovatifloria.	Queensland - -	3416·0
25 A. B. C. D.	Urrie Burrigundie -	New South Wales (North)	3396·0
102 A. B. C. D.	Silver Wattle - -	Tasmania - - -	3390·0
136 A. B. C.D.	White Maple - -	New South Wales (South)	3379·0
1 A. B.	Bogum Bogum - -	New South Wales (North)	3374·0
10,362 A.	Gyo - - - -	East India - - -	3360·0
1 A.	Halmolilli - - -	Ceylon - - -	3360·0
6 B.	Mahogany (Hunter River)	New South Wales - -	3360·0
1,215 A.	Karee - - -	East India - - -	3360·0
13 A. B. C. D.	- - - - -	Hungary - - -	3311·0
8 A. B. C. D.	- - - - -	Do. - - -	3289·0
16 A. B. C. D.	Desert Cypress Pine -	Victoria - - -	3276·0
30 A. B. *Aa. Ab.*	Beech - - -	Queensland - -	3276·0
53 A. B. C. D.	Apple - - -	New South Wales (South)	3264·0
3,948 A.	Siris - - - -	East India - - -	3248·0
10,430 A. B. C.	Tounbein - - -	Do. - - -	2756·0
10,476 A. B. C.	Ngoo Tha - - -	Do. - - -	3248·0
76 A. B. *Aa. Ab.*	Spotted Gum - -	Queensland - -	3241·0
99 A. B. *Aa. Ab.*	Bean Tree - - -	Do. - - -	3241·0
23 A. B.	Samak or Sumach - -	East India - - -	3220·0
112 *Aa. Ab.*	Capparidaceæ - -	Queensland - -	3220·0
189 A. B. C. D.	Jack Fruit - - -	Jamaica - - -	3218·0
364 A. B.	Peppermint - -	Tasmania - - -	3208·0
7,077 A.	Sittola - - - -	East India - - -	3203·0
4,657 A.	Seba Sasoon Teak - -	Do. - - -	3192·0
6,551 A.	Lein - - - -	Do. - - -	3192·0
10,426 A. B. C.	Kuyon Teak - -	Do. - - -	3257·0
9 A. B.	Santa Martia - -	British Honduras - -	3164·0
41 B.	Cupania Pseudorchus -	Queensland - -	3140·0
3,949 A.	Hurdoo - - -	East India - - -	3136·0
33 A. B. C. D.	Grey Box - - -	Victoria - - -	3135·0

TABLE III.—*continued.*

No of Specimen.	Name of Wood.	Colony.	Breaking Weight reduced to 12 in. by 2 in. sq.
			lbs.
15 A. B.	- - - - -	Hungary - - -	3117·0
39 A. B. A*a*. A*b*.	Sassafras - - -	Queensland - - -	3115·0
83 A. B. A*a*. A*b*.	Rottlera - - -	Do. - - -	3115·0
67 A. B. C.	Sassafras - - -	Tasmania - - -	3113·0
56 A. B. A*a*. A*b*.	Eugenia Marginata -	Queensland - -	3108·0
167 A. B. C.	Cacapoule - - -	Trinidad - - -	3098·0
97 A. B. C. D.	White Gum - -	Tasmania - - -	3090·0
105 A. B. A*a*. A*b*.	Barkleya Syringifolia -	Queensland - -	3087·0
227 A. B.	Angelin - - -	Trinidad - - -	3080·0
50 A. B. A*a*. A*b*.	Maba Geminata - -	Queensland - -	3073·0
19 A. B.	Cherry - - -	New South Wales (North)	3052·0
7,677 A. B.	Tseek Tha - - -	East India - - -	3052·0
11 A. B. C. D.	Broad-leaved Box Tree	Victoria - - -	3038·0
7,674 A. B.	? Tonk Tsa - - -	East India - - -	3024·0
35 A. B. A*a*. A*b*.	Cugeric - - -	Queensland - -	3003·0
5 A. B. A*a*. A*b*.	She Pine - - -	Do. - - -	2996·0
1,214 A.	Doodhee - - -	East India - - -	2984·0
7 A.	River Oak - - -	Queensland - -	2984·0
324 A. B.	Santa Maria - -	Jamaica - - -	2968·0
260 A. B.	Almond Tree - -	Trinidad - - -	2968·0
28 A. B. A*a*. B*b*.	Mangrove - - -	Queensland - -	2954·0
9,238 A.	- - - - -	East India - - -	2912·0
3 A.	Larch - - -	Russia - - -	2912·0
4,663 A.	Saj - - - -	East India - - -	2912·0
10,415 A.	Khaboung - - -	Do. - - -	2912·0
8 A. B. A*a*. A*b*.	Shingle Oak - -	Queensland - -	2884·0
7,665 A. B.	Dhane Eha - - -	East India - - -	2884·0
14 A. B. C. D.	- - - - -	Hungary - - -	2880·0
6 A. B. C. D.	Riga Oak - - -	Russia - - -	2870·0
4,672 A.	Khumee - - -	East India - - -	2856·0
3 A. B. C. D.	- - - - -	Hungary - - -	2835·0
7,619 A. B.	Ali Nau - - -	East India - - -	2828·0
6,545 A.	? Toun Katseet - -	Do. - - -	2800·0
3,950 A.	Kaim - - -	Do. - - -	2800·0
15 A. B. A*a*. A*b*.	Silky Oak - - -	Queensland - -	2772·0
28 A. B.	- - - - -	Hungary - - -	2786·0
22 A. B.	Yaxnic - - -	British Honduras - -	2758·0
367 A. B.	White Cedar - -	Jamaica - - -	2747·0
10,419 A. B.	Tha-Khoot-ma - -	East India - - -	2744·0
6 A. B. C. D.	- - - - -	Hungary - - -	2679·0
27 A. B. C.	- - - - -	Do. - - -	2679·0
7 A. A*a*.	Tea Tree (Hunter River)	New South Wales - -	2660·0
125 A. B. C. D.	Maidens' Blush, Ladies' Blush.	New South Wales (South)	2659·0
36 A. B. C. D.	White Gum Tree - -	Victoria - - -	2639·0
158 A. B. C. D.	Garlick Pear - -	Trinidad - - -	2620·0
35 A. B.	Undambie - - -	New South Wales (North)	2590·0
4,670 A.	Bher - - -	East India - - -	2576·0
139 A.	White Myrtle, Blue Ash -	New South Wales (South)	2576·0
21 A. B.	Cabbage Tree - -	Queensland - -	2576·0
40 A. B. C. D.	Coast Honeysuckle -	Victoria - - -	2486·0
10,438 A. B. C.	Nasha - - -	East India - - -	2529·0
7,527 A. B. C.	Neem - - -	Do. - - -	2520·0
38 A. B. A*a*. A*b*.	Grey Plum - - -	Queensland - -	2520·0
2 A.	Larch - - -	Russia - - -	2520·0
102 A. B. A*a*. A*b*.	Ebenaceæ - - -	Queensland - -	2506·0
312 A. B. C.	Juniper Cedar - -	Jamaica - - -	2501·0
4 A.	Cypress Pine - -	Queensland - -	2464·0
4,666 A.	Ghatoo - - -	East India - - -	2464·0
114 A. B.	Celtis sp. - - -	Queensland - -	2464·0
2,490 A.	Niatoo - - -	East India - - -	2464·0
5 A. B.	Larch - - -	Russia - - -	2464·0
7,515 A.	? - - - -	East India - - -	2464·0
68 A. B.	Pine Brush - - -	New South Wales (North)	2408·0
10,427 A. B.	Yemanch - - -	East India - - -	2408·0
22 A. B. C. D.	Woorrodii - - -	New South Wales (North)	2404·0
43 A. B. A*a*. A*b*.	Tamarind - - -	Queensland - -	2401·0
171 A. B. C. D.	White Beech - -	New South Wales (South)	2380·0
14 A. B. C. D.	Houbaballi - - -	British Guiana - -	2373·0
31 A. B. C.	- - - - -	Victoria - - -	2280·0
100 A*a*. A*b*.	Ebenaceæ - - -	Queensland - -	2352·0
6,549 A.	Titseim - - -	East India - - -	2352·0

TABLE III.—*continued.*

No. of Specimen.	Name of Wood.	Colony.	Breaking Weight reduced to 12 in. by 2 in. sq.
			lbs.
12 D.	Gomphan - - -	New South Wales (North)	2372·0
10,435 A. B.	Tinyooben - - -	East India - - -	2324·0
7,524 A.	Kaitha - - -	Do. - - -	2296·0
24 A. B. *Aa.* A*b.*	- - - - -	Austria - - -	2284·0
120 A. B.	Teak - - -	New South Wales (South)	2254·0
186 A. B.	Mango - - -	Trinidad - - -	2212·0
10,422 A. B.	Thanat - - -	East India - - -	2184·0
75 A. B. C.	Mungkudu - - -	Do. - - -	2184·0
39 A. B. C. D, *Aa.* A*b.* *Ac.* *Ad.*	Spurious Mulberry Tree	Victoria - - -	2160·0
4 A. B.	Larch - - -	Russia - - -	2142·0
1 A. B. C. D.	Riga Fir - - -	Do. - - -	2128·0
31 A. B. *Aa.* A*b.*	White Cedar - -	Queensland - -	2105·0
10 A. B. *Aa.* A*b.*	Red Cedar - - -	Do. - - -	2072·0
87 A. B.	Leichardt's Wood - -	Do. - - -	2072·0
16 A. B. *Aa.* A*b.*	Beefwood - - -	Do. - - -	2065·0
44 A. B. C. D.	Honeysuckle - -	Victoria - - -	870·0
12 A. B. C. D.	Do. - -	Do. - - -	718·0

TABLE IV.—EXPERIMENTS FOR ASCERTAINING THE CRUSHING WEIGHT IN THE DIRECTION OF THE FIBRE OF THE WOODS, showing Amount yielded at every additional 1,120 lbs.

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
AUSTRIA.																	
20 A.	- - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiments.
20 B.	- - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
20 C.	- - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
20 D.	- - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
21 A.	- - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
21 B.	- - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
21 C.	- - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
22 A.	- - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
22 B.	- - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
22 C.	- - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
22 D.	- - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
24 A.	- - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
24 B.	- - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
24 Aa.	- - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
24 Ab.	- - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
BRITISH GUIANA.																	
4 A.	Wadaduri, or Monkey Nut	·004	·005	·006	·008	·010	·024	..	..	..	..	..	..	..	..	7,840	
4 B.	,, ,, -	·008	·009	·010	·013	·015	·019	..	..	..	..	..	..	..	..	8,400	
4 C.	,, ,, -	·004	·006	·008	·010	·013	..	..	..	..	..	..	..	..	..	7,616	
4 D.	,, ,, -	·007	·008	·010	·012	·020	..	..	..	..	..	..	..	..	..	6,972	
5 A.	Kakaralli - -	·006	·008	·009	·011	·013	·016	..	..	..	..	..	..	..	..	8,792	
5 B.	,, - - -	·006	·007	·008	·010	·012	·014	..	..	..	..	..	..	..	..	8,932	Split about half through. Not quite square.

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
BRITISH GUIANA																	
7 A.	Moraballi, or Mooraballi.	·005	·007	·008	·010	·017	..	..	..	..	..	..	..	..	..	7,131	
7 B.	" "	·007	·008	·010	·013	·017	..	..	..	..	..	..	..	..	..	7,653	
7 C.	" "	·006	·007	·009	·011	·014	..	..	..	..	..	..	..	..	..	7,429	
7 D.	" "	·006	·007	·009	·011	·014	..	..	..	..	..	..	..	..	..	7,392	
14 A.	Houbaballi	·006	·007	·008	·010	·012	·016	..	..	..	..	..	..	..	..	7,877	
14 B.	"	·006	·008	·009	·012	·015	..	..	..	..	..	..	..	..	..	7,392	
14 C.	"	·006	·008	·009	·011	·015	..	..	..	..	..	..	..	..	..	7,280	
14 D.	"	·006	·007	·009	·010	·013	..	..	..	..	..	..	..	..	..	7,728	
15 A.	Mora	·006	·008	·009	·010	·012	·015	..	..	..	..	..	..	..	..	8,848	
15 B.	"	·010	·015	·019	·023	·027	·031	·039	..	..	..	..	..	..	..	9,352	Not square.
15 C.	"	·006	·008	·009	·010	·012	·014	·016	..	..	..	..	..	.	..	9,996	
15 D.	"	·006	·008	·009	·011	·014	·017	..	..	..	..	..	..	..	..	8,885	
16 A.	Burneh, Bully, or Bullet Tree.	·004	·006	·007	·008	·010	·012	·014	·016	·019	..	..	..	..	..	12,040	
16 B.	" " "	·004	·005	·006	·008	·009	·010	·011	·013	·016	..	..	..	..	..	12,171	
16 C.	" " "	·004	·005	·006	·007	·008	·010	·012	·014	·016	..	..	..	..	..	12,152	
16 D.	" " "	·004	·006	·007	·008	·010	·011	·013	·016	..	..	..	..	..	..	10,528	
18 A.	Caraba, or Crab Wood	·005	·006	·008	·009	·010	·013	..	..	..	..	..	..	..	..	8,652	
18 B.	" "	·005	·007	·008	·011	·016	..	..	..	..	..	..	..	..	..	7,205	
18 C.	" "	·006	·008	·010	·016	..	..	..	..	..	..	..	..	..	..	5,796	
20 A.	Cumara, or Tonka	·005	·007	·009	·012	·015	·020	·025	·035	..	..	..	..	..	..	10,341	Not square.
20 B.	" "	·005	·006	·007	·008	·009	·010	·012	·014	·016	·018	..	..	..	..	13,216	
20 C.	" "	·006	·007	·008	·010	·011	·012	·014	·015	·017	·020	..	..	..	..	13,272	
20 D.	" "	·004	·006	·007	·008	·010	·011	·013	·015	·018	..	..	..	..	..	12,021	Little out of square; slight shake.
26 A*a*.	Hitchia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiments.
26 A*b*.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
26 A*c*.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
26 A*d*.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
29 A.	"	·006	·008	·009	·011	·014	·018	..	..	..	..	..	..	..	..	8,288	
29 B.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
29 C.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of													Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800	
BRITISH HONDURAS.																
1 A.	Siricote	·009	·014	·030	..	..	..	..	..	..	..	..	..	..	..	5,572	
1 B.	„	·007	·010	·016	..	..	..	..	..	..	..	..	..	..	..	5,348	
1 C.	„	·006	·009	·013	·028	..	..	..	..	..	..	..	..	..	..	5,880	
2 A.	Cranadilla	·007	·009	·011	·013	·015	·017	·020	·023	·036	..	..	..	..	..	11,648	
2 B.	„	·006	·008	·009	·012	·014	·016	·019	·022	·026	·036	..	..	..	..	12,908	Not quite square.
3 A.	Chicheur	·006	·008	·014	..	..	..	..	..	..	..	..	..	..	..	4,928	
3 B.	„	·005	·007	·009	·011	·018	..	..	..	..	..	..	..	..	..	6,888	
3 C.	„	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	6,421	
3 D.	„	·006	·008	·009	·012	·017	..	..	..	..	..	..	..	..	..	7,093	
4 A.	Canasin	·004	·006	·007	·008	·009	·010	·011	·012	·013	·014	·016	·017	..	..	15,531	
4 B.	„	·004	·006	·007	·008	·009	·010	·011	·013	·014	·015	·016	·019	..	..	15,148	
6 A.	Chucxax	·006	·008	·010	·013	·022	..	..	..	..	..	..	..	..	..	6,944	
8 A.	Pimento	·007	·008	·010	·013	·016	·019	..	..	..	..	..	..	..	..	8,940	Split a little on one side.
9 A.	Santa-Martia	·007	·009	·013	..	..	..	..	..	..	..	..	..	..	..	5,460	
9 B.	„	·007	·010	·016	..	..	..	..	..	..	..	..	..	..	..	4,760	
10 A.	Pasak	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
10 B.	„	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
11 A.	Chucya	·005	·007	·008	·011	·019	..	..	..	..	..	..	..	..	..	7,196	
13 A.	Bullet Wood	·005	·007	·008	·010	·012	·014	·020	..	..	..	..	..	..	..	9,968	
13 B.	„ „	·005	·006	·008	·009	·010	·012	·015	·037	..	..	..	..	..	..	10,192	
14 A.	Tastab	·005	·007	·008	·009	·011	·013	..	..	..	..	..	..	..	..	8,848	
14 B.	„	·006	·008	·009	·010	·013	·015	..	..	..	..	..	..	..	..	8,820	
15 A.	Mabinjuh, or Mabinjuj	·005	·007	·009	·010	·014	..	..	..	..	..	..	..	..	..	7,784	
16 A.	Subin, or Cubin	·004	·006	·007	·009	·012	..	..	..	..	..	..	..	..	..	7,476	
16 B.	„ „	·006	·007	·009	·011	·017	..	..	..	..	..	..	..	..	..	7,317	
17 A.	Sapodilla	·008	·011	·016	·024	·125	·192	..	..	..	..	..	..	..	..	8,204	Not quite square.
18 A.	Kaskat	·008	·010	·014	·022	..	..	..	..	..	..	..	..	..	..	6,216	
21 A.	Caoutchouc	·006	·007	·008	·010	·012	·014	·018	·024	·054	..	..	..	..	..	11,424	
21 B.	„	·005	·007	·008	·009	·010	·013	·015	·020	·032	..	..	..	..	..	11,928	Most black vein.
21 C.	„	·005	·007	·008	·010	·012	·015	·019	..	..	..	..	..	..	..	9,996	Nearer the heart than A. & B.

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
BRITISH GUIANA																	
7 A.	Moraballi, or Mooraballi.	·005	·007	·008	·010	·017	..	..	..	..	..	..	..	..	..	7,131	
7 B.	" "	·007	·008	·010	·013	·017	..	..	..	..	..	..	..	..	..	7,653	
7 C.	" "	·006	·007	·009	·011	·014	..	..	..	..	..	..	..	..	..	7,429	
7 D.	" "	·006	·007	·009	·011	·014	..	..	..	..	..	..	..	..	..	7,392	
14 A.	Houbaballi	·006	·007	·008	·010	·012	·016	..	..	..	..	..	..	..	..	7,877	
14 B.	"	·006	·008	·009	·012	·015	..	..	..	..	..	..	..	..	..	7,392	
14 C.	"	·006	·008	·009	·011	·015	..	..	..	..	..	..	..	..	..	7,280	
14 D.	"	·006	·007	·009	·010	·013	..	..	..	..	..	..	..	..	..	7,728	
15 A.	Mora	·006	·008	·009	·010	·012	·015	..	..	..	..	..	..	..	..	8,848	
15 B.	"	·010	·015	·019	·023	·027	·031	·039	..	..	..	..	..	..	..	9,352	Not square.
15 C.	"	·006	·008	·009	·010	·012	·014	·016	..	..	..	..	..	..	..	9,996	
15 D.	"	·006	·008	·009	·011	·014	·017	..	..	..	..	..	..	..	..	8,885	
16 A.	Burneh, Bully, or Bullet Tree.	·004	·006	·007	·008	·010	·012	·014	·016	·019	..	..	..	..	..	12,040	
16 B.	" " "	·004	·005	·006	·008	·009	·010	·011	·013	·016	..	..	..	..	..	12,171	
16 C.	" " "	·004	·005	·006	·007	·008	·010	·012	·014	·016	..	..	..	..	..	12,152	
16 D.	" " "	·004	·006	·007	·008	·010	·011	·013	·016	..	..	..	..	..	..	10,528	
18 A.	Caraba, or Crab Wood	·005	·006	·008	·009	·010	·013	..	..	..	..	..	..	..	..	8,652	
18 B.	" "	·005	·007	·008	·011	·016	..	..	..	..	..	..	..	..	..	7,205	
18 C.	" "	·006	·008	·010	·016	..	..	..	..	..	..	..	..	..	..	5,796	
20 A.	Cumara, or Tonka	·005	·007	·009	·012	·015	·020	·025	·035	..	..	..	..	..	..	10,341	Not square.
20 B.	" "	·005	·006	·007	·008	·009	·010	·012	·014	·016	·018	..	..	..	..	13,216	
20 C.	" "	·006	·007	·008	·010	·011	·012	·014	·015	·017	·020	..	..	..	..	13,272	
20 D.	" "	·004	·006	·007	·008	·010	·011	·013	·015	·018	..	..	..	..	..	12,021	Little out of square; slight shake.
26 A*a*.	Hitchia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiments.
26 A*b*.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
26 A*c*.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
26 A*d*.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
29 A.	"	·006	·008	·009	·011	·014	·018	..	..	..	..	..	..	..	..	8,288	
29 B.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
29 C.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of													Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800	
BRITISH HONDURAS.																
1 A.	Siricote	·009	·014	·030	..	..	..	..	..	..	..	..	..	..	..	5,572	
1 B.	„	·007	·010	·016	..	..	..	..	..	..	..	..	..	..	..	5,348	
1 C.	„	·006	·009	·013	·028	..	..	..	..	..	..	..	..	..	..	5,880	
2 A.	Cranadilla	·007	·009	·011	·013	·015	·017	·020	·023	·036	..	..	..	..	..	11,648	
2 B.	„	·006	·008	·009	·012	·014	·016	·019	·022	·026	·036	..	..	..	..	12,908	Not quite square.
3 A.	Chicheur	·006	·008	·014	..	..	..	..	..	..	..	..	..	..	..	4,928	
3 B.	„	·005	·007	·009	·011	·018	..	..	..	..	..	..	..	..	..	6,888	
3 C.	„	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	6,421	
3 D.	„	·006	·008	·009	·012	·017	..	..	..	..	..	..	..	..	..	7,093	
4 A.	Canasin	·004	·006	·007	·008	·009	·010	·011	·012	·013	·014	·016	·017	..	..	15,531	
4 B.	„	·004	·006	·007	·008	·009	·010	·011	·013	·014	·015	·016	·019	..	..	15,148	
6 A.	Chucxax	·006	·008	·010	·013	·022	..	..	..	..	..	..	..	..	..	6,944	
8 A.	Pimento	·007	·008	·010	·013	·016	·019	..	..	..	..	..	..	..	..	8,940	Split a little on one side.
9 A.	Santa-Martia	·007	·009	·013	..	..	..	..	..	..	..	..	..	..	..	5,460	
9 B.	„	·007	·010	·016	..	..	..	..	..	..	..	..	..	..	..	4,760	
10 A.	Pasak	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
10 B.	„	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
11 A.	Chucya	·005	·007	·008	·011	·019	..	..	..	..	..	..	..	..	..	7,196	
13 A.	Bullet Wood	·005	·007	·008	·010	·012	·014	·020	..	..	..	..	..	..	..	9,968	
13 B.	„ „	·005	·006	·008	·009	·010	·012	·015	·037	..	..	..	..	..	..	10,192	
14 A.	Tastab	·005	·007	·008	·009	·011	·013	..	..	..	..	..	..	..	..	8,848	
14 B.	„	·006	·008	·009	·010	·013	·015	..	..	..	..	..	..	..	..	8,820	
15 A.	Mabinjuh, or Mabinjuj	·005	·007	·009	·010	·014	..	..	..	..	..	..	..	..	..	7,784	
16 A.	Subin, or Cubin	·004	·006	·007	·009	·012	..	..	..	..	..	..	..	..	..	7,476	
16 B.	„ „	·006	·007	·009	·011	·017	..	..	..	..	..	..	..	..	..	7,317	
17 A.	Sapodilla	·008	·011	·016	·024	·125	·192	..	..	..	..	..	..	..	..	8,204	Not quite square.
18 A.	Kaskat	·008	·010	·014	·022	..	..	..	..	..	..	..	..	..	..	6,216	
21 A.	Caoutchouc	·006	·007	·008	·010	·012	·014	·018	·024	·054	..	..	..	..	..	11,424	
21 B.	„	·005	·007	·008	·009	·010	·013	·015	·020	·032	..	..	..	..	..	11,928	Most black vein.
21 C.	„	·005	·007	·008	·010	·012	·015	·019	..	..	..	..	..	..	..	9,996	Nearer the heart than A. & B.

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
BRITISH HONDURAS.																	
21 D.	Caoutchouc	·007	·009	·012	·015	·020	·040	..	..	..	..	..	..	..	..	8,064	Least black vein; nearer the heart than C.
22 A.	Yaxnic	·007	·010	·017	..	..	..	..	..	..	..	..	..	..	..	4,704	
22 B.	„	·011	·015	·020	..	..	..	..	..	..	..	..	..	..	..	5,040	
23 A.	Yaxnic, or Yaxnig	·004	·006	·008	·010	..	..	..	..	..	..	..	..	..	..	6,421	
25 A.	Roble Blanco	·006	·008	·010	·012	..	..	..	..	..	..	..	..	..	..	6,571	
CEYLON.																	
1 A.	Halmolilli	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiments for this country.
2 A.	Iron or Beef Wood	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
3 A.	Taminig	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4 A.	Satin Wood	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
EAST INDIA.																	
23 A.	Samak, or Sumach, or Divi-divi Bark.	·007	·009	·012	·017	..	..	..	..	..	..	..	..	..	..	6,104	
23 B.	„ „	·006	·008	·010	·016	..	..	..	..	..	..	..	..	..	..	6,048	
30 A.	- - -	·004	·005	·007	·008	·011	..	..	..	..	..	..	..	..	..	7,728	
30 B.	- - -	·006	·007	·008	·010	·014	..	..	..	..	..	..	..	..	..	7,616	
30 C.	- - -	·006	·007	·009	·011	·014	..	..	..	..	..	..	..	..	..	7,728	
72 A.	- - -	·007	·010	·016	..	..	..	..	..	..	..	..	..	..	..	4,928	
72 B.	- - -	·005	·008	·024	..	..	..	..	..	..	..	..	..	..	..	5,600	
72 C.	- - -	·007	·010	·018	..	..	..	..	..	..	..	..	..	..	..	4,760	
75 A.	Mungkudu	·010	·018	..	..	..	..	..	..	..	..	..	..	..	..	3,920	
75 B.	„ - -	·006	·009	..	..	..	..	..	..	..	..	..	..	..	..	4,144	
75 C.	„ - -	·008	·012	..	..	..	..	..	..	..	..	..	..	..	..	4,144	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of													Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.	
EAST INDIA.																
80 A.	- - - -	·005	·007	·008	·009	·010	·012	·014	·015	·017	·020	..	..	..	..	13,356	
80 B.	- - - -	·004	·006	·007	·008	·009	·010	·012	·014	·017	·024	..	..	..	..	12,880	
86 A.	Woodunpar - -	·004	·006	·007	·008	·010	·016	..	..	..	..	..	..	..	..	8,036	
86 B.	" - -	·006	·007	·009	·011	·014	..	..	..	..	..	..	..	..	..	7,560	
104 A.	- - - -	·005	·006	·008	·009	·011	·013	..	..	..	..	..	..	..	..	8,773	
104 B	- - - -	·006	·007	·009	·010	·012	·014	·016	..	..	..	..	..	..	..	9,744	
104 C.	- - - -	·002	·005	·007	·009	·011	·014	·019	..	..	..	..	..	..	..	9,856	Split.
140 A.	Sandal Wood - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
140 B.	" " - -	·005	·006	·008	·010	·013	·015	·018	·024	..	..	..	..	..	..	10,360	
144 A.	Bengha - - -	·006	·008	·011	·016	·024	·044	..	..	..	..	..	..	..	..	8,092	
145 A.	Bou - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiment.
147 A.	Terruvah - - -	·004	·005	·006	·007	·008	·010	·012	..	..	..	..	..	..	..	9,968	
185 A.	Black Wood - -	·006	·007	·009	·010	·013	·016	·023	..	..	..	..	..	..	..	9,296	
1,214 A.	Doodhee - - -	·006	·009	·012	..	..	..	..	..	..	..	..	..	..	..	5,488	
1,215 A.	Karee - - -	·004	·006	·009	·016	..	..	..	..	..	..	..	..	..	..	6,272	
1,219 A.	Toon - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1,220 A.	Unjun - - -	·006	·007	·009	·012	·015	·024	·034	..	..	..	..	..	..	..	9,408	
1,220 B.	" - - -	·005	·006	·008	·010	·013	·020	..	..	..	..	..	..	..	..	8,624	Not quite square.
1,771 A.	Toon - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1,772 A.	Chump - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2,345 A.	Tenasserim Mahogany -	·005	·006	·008	·009	·010	·011	·013	·014	·017	·021	..	..	..	..	12,880	
2,462 A.	Balow - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	} No experiments.
2,462 B.	" - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2,465 A.	Marabow - - -	·005	·006	·008	·009	·010	1012	..	..	..	..	..	..	..	..	8,960	
2,468 A.	Pannaga - - -	·005	·007	·009	·011	·014	·020	·027	·030	·034	·039	..	..	..	..	13,300	Out of square at one corner.
2,470 A.	Klat Mera - -	·022	·026	·030	·034	·040	..	..	..	..	..	..	..	..	..	7,504	Very much out of square.
2,471 A.	Kasso - - -	·003	·004	·005	·006	·007	·008	·009	·010	·012	·015	..	..	..	..	13,216	
2,474 A.	Brombong - -	·004	·006	·008	·009	·011	·014	..	..	..	..	..	..	..	..	8,764	Little worm-hole.
2,476 A.	Marsawa - -	·006	·008	·009	·012	·018	..	..	..	..	..	..	..	..	..	7,000	
2,483 A.	Madang Saraya Batoo -	·006	·008	·009	·012	..	..	..	..	..	..	..	..	..	..	6,048	
2,490 A.	Niatoo - - -	·005	·007	·011	..	..	..	..	..	..	..	..	..	..	..	5,264	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of													Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.	
EAST INDIA.																
2,493 A.	Klaydang - - -	·007	·009	·011	·014	·016	·019	·028	..	..	..	..	..	..	..	9,296	Not square.
3,948 A.	Siris - - -	·005	·007	·009	·012	..	..	..	..	..	..	..	..	..	..	6,533	
3,949 A.	Hurdoo - - -	·006	·008	·010	·013	·018	..	..	..	..	..	..	..	..	..	7,056	
3,950 A.	Kaim - - -	·007	·009	·012	·015	..	..	..	..	..	..	..	..	..	..	6,384	
3,951 A.	Pindar - - -	·006	·009	·014	·040	..	..	..	..	..	..	..	..	..	..	6,720	
3,952 A.	Iymungul - - -	·006	·008	·010	·012	·014	·016	·022	..	..	..	..	..	..	..	9,035	
3,953 A.	Rohnee - - -	·007	·010	·014	·020	..	..	..	..	..	..	..	..	..	..	6,664	
3,954 A.	Londya - - -	·006	·007	·009	·013	..	..	..	..	..	..	..	..	..	..	6,328	
3,955 A.	Kardahee - - -	·004	·006	·008	·012	..	..	..	..	..	..	..	..	..	..	6,688	
3,956 A.	Taman - - -	·007	·009	·012	·014	·020	..	..	..	..	..	..	..	..	..	6,972	
3,957 A.	Tine, or Sisso - -	·005	·006	·009	·013	..	..	..	..	..	..	..	..	..	..	6,608	
3,961 A.	Mowah - - -	·005	·007	·009	·012	·028	..	..	..	..	..	..	..	..	..	7,317	
4,657 A.	Seba Sagoon Teak -	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	6,160	
4,658 A.	Putteereea Sagoon -	·005	·006	·008	·009	·011	..	..	..	..	..	..	..	..	..	7,765	
4,659 A.	Doodheea Sagoon -	·006	·007	·009	·013	..	..	..	..	..	..	..	..	..	..	6,272	
4,660 A.	Surrye - - -	·004	·005	·007	·008	·010	·014	..	..	..	..	..	..	..	..	8,699	
4,661 A.	Jimorassee - -	·006	·007	·009	·011	·016	..	..	..	..	..	..	..	..	..	7,131	
4,662 A.	Dhengun - -	·006	·008	·009	·011	·014	..	..	..	..	..	..	..	..	..	7,420	
4,663 A.	Saj - - -	·006	·012	..	..	..	..	..	..	..	..	..	..	..	..	4,144	
4,664 A.	Beejah - - -	·004	·005	·007	·008	·010	·012	·015	..	..	..	..	..	..	..	9,856	
4,665 A.	Kowah - - -	·007	·010	·014	..	..	..	..	..	..	..	..	..	..	..	5,096	Shakes, but not to damage.
4,666 A.	Ghattoo - - -	·005	·007	·009	·014	..	..	..	..	..	..	..	..	..	..	6,197	Large grub-hole.
4,667 A.	Trosum - - -	·005	·007	·010	..	..	..	..	..	..	..	..	..	..	..	5,572	
4,668 A.	Dhowrah - - -	·005	·007	·008	·010	·012	·016	..	..	..	..	..	..	..	..	8,344	
4,670 A.	Bher - - -	·008	·011	..	..	..	..	..	..	..	..	..	..	..	..	4,181	
4,671 A.	Baubul - - -	·006	·008	·009	·011	·013	·016	·038	..	..	..	..	..	..	..	9,072	
4,672 A.	Kuhmee - - -	·006	·008	·012	..	..	..	..	..	..	..	..	..	..	..	5,040	
4,754 A.	Iron Wood - -	·005	·006	·007	·008	·009	·010	·012	·014	·016	·020	..	..	..	..	12,824	
4,754 B.	,, - - -	·006	·007	·008	·010	·011	·013	·014	·016	·018	·020	..	..	..	..	13,272	
5,597 A.	Guringa - - -	·007	·009	·012	·016	..	..	..	..	..	..	..	..	..	..	6,048	
5,598 A.	Sál - - -	·004	·005	·006	·007	·008	·010	..	..	..	..	..	..	..	..	8,624	
5,599 A.	Teak, "Sagoon" -	·004	·006	·008	·011	..	..	..	..	..	..	..	..	..	..	6,571	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
EAST INDIA.																	
5,600 A.	Sissoo, Black	·004	·005	·007	·008	·010	·013	·016	·020	..	..	..	..	..	..	10,584	
5,601 A.	Burdur	·006	·007	·008	·010	·013	·018	..	..	..	..	..	..	..	..	8,549	
5,602 A.	Abloos or Kándoo	·004	·006	·008	·009	·012	·026	..	..	..	..	..	..	..	..	8,960	
5,603 A.	Assán	·009	·014	·037	·130	·195	..	..	..	..	..	..	..	..	..	7,532	Not square.
5,604 A.	Gumbaree	·005	·007	·008	·010	..	..	..	..	..	..	..	..	..	..	6,608	
5,605 A.	Jack "Punsee"	·008	·012	·018	..	..	..	..	..	..	..	..	..	..	..	5,152	
5,606 A.	Sissoo, Red	·004	·005	·006	·008	·009	·012	..	..	..	..	..	..	..	..	8,932	
5,607 A.	Peasal	·001	·002	·003	·004	·006	·007	·009	·011	·018	..	..	..	..	..	11,816	
5,608 A.	Koozoom	·005	·006	·008	·009	·013	..	..	..	..	..	..	..	..	..	7,616	
5,609 A.	Keehar	·009	·012	·014	·017	·020	·024	·036	..	..	..	..	..	..	..	9,184	
5,610 A.	Koozoom	·005	·006	·008	·010	·015	..	..	..	..	..	..	..	..	..	7,784	
6,542 A.	Kokoh	·004	·006	·008	·010	..	..	..	..	..	..	..	..	..	..	6,608	
6,544 A.	Poukthenma-my-ek-kyouk.	·008	·010	·018	..	..	..	..	..	..	..	..	..	..	..	4,788	
6,545 A.	Tounkatseet	·009	·012	·033	..	..	..	..	..	..	..	..	..	..	..	4,704	
6,547 A.	Khyong-yook	·004	·006	·007	·010	..	..	..	..	..	..	..	..	..	..	6,384	
6,548 A.	Nabhay	·005	·006	·008	·010	..	..	..	..	..	..	..	..	..	..	6,720	
6,549 A.	Titseim	·007	·010	..	..	..	..	..	..	..	..	..	..	..	..	3,845	
6,550 A.	Pangah	·004	·006	·008	·009	·013	..	..	..	..	..	..	..	..	..	7,243	
6,551 A.	Lein	·005	·007	·008	·011	..	..	..	..	..	..	..	..	..	..	6,683	
7,064 A.	Jurai	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7,065 A.	Gaham Bada	·006	·008	·010	·014	·027	·174	·244	..	..	..	..	..	..	..	9,940	
7,066 A.	Rungas	·006	·007	·009	·010	·012	·026	..	..	..	..	..	..	..	..	8,680	
7,067 A.	Bia-babi	·003	·004	·006	·007	·008	·010	·014	..	..	..	..	..	..	..	9,744	
7,070 A.	Bahkoh	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7,071 A.	Murbow	·004	·006	·007	·008	·010	·012	..	..	..	..	..	..	..	..	8,848	
7,072 A.	Klat	·006	·008	·009	·011	·014	..	..	..	..	..	..	..	..	..	7,728	
7,075 A.	Jermalang	·008	·010	·014	·030	..	..	..	..	..	..	..	..	..	..	5,796	
7,077 A.	Sittola	·008	·012	·020	..	..	..	..	..	..	..	..	..	..	..	4,760	
7,086 A.	Dammer-laut	·006	·007	·008	·010	·012	·015	·019	..	..	..	..	..	..	..	9,576	
7,089 A.	Bintaling	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7,090 A.	Kumpas	·008	·012	·016	·021	..	..	..	..	..	..	..	..	..	..	6,683	
7,092 A.	Madang-Serai	·004	·006	·007	·008	·010	·017	..	..	..	..	..	..	..	..	7,840	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of													Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.	
EAST INDIA.																
7,093 A.	Gading-gading	·004	·006	·007	·009	·010	·014	..	..	..	..	..	..	..	..	8,960	
7,234 A.	- - -	·005	·008	·012	·038	..	..	..	..	..	..	..	..	..	..	5,936	
7,234 B.	- - -	·006	·008	·010	·020	..	..	..	..	..	..	..	..	..	..	5,936	
7,514 A.	Sakhor	·005	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	7,476	
7,514 B.	„	·004	·006	·007	·009	·010	·015	..	..	..	..	..	..	..	..	8,624	
7,515 A.	- -	·006	·007	·010	·017	..	..	..	..	..	..	..	..	..	..	5,796	
7,517 A.	Toon	·004	·006	·008	·014	..	..	..	..	..	..	..	..	..	..	5,880	
7,520 A.	- - -	·006	·008	·010	·013	·019	..	..	..	..	..	..	..	..	..	7,364	
7,522 A.	Arar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7,524 A.	Kaitha	·004	·006	·009	·014	..	..	..	..	..	..	..	..	..	..	6,160	
7,525 A.	Aum	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7,527 A.	Reem	·007	·009	·013	..	..	..	..	..	..	..	..	..	..	..	5,376	Symptoms of dry rot.
7,529 A.	Asna or Asan	·004	·006	·008	·010	·017	..	..	..	..	..	..	..	..	..	7,056	
7,531 A.	- - -	·004	·005	·006	·008	·009	·013	..	..	..	..	..	..	..	..	8,512	
7,618 A.	Thin Gan	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	6,384	
7,618 B.	„	·007	·010	·014	..	..	..	..	..	..	..	..	..	..	..	5,376	
7,619 A.	Ah Nan	·007	·009	·012	·016	..	..	..	..	..	..	..	..	..	..	6,160	
7,619 B.	„	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	6,197	
7,622 A.	Oak An	·004	·006	·008	·009	·012	..	..	..	..	..	..	..	..	..	7,588	
7,622 B.	„	·006	·008	·010	·013	·017	·024	..	..	..	..	..	..	..	..	8,027	
7,622 C.	„	·006	·008	·010	·014	·017	..	..	..	..	..	..	..	..	..	7,784	
7,622 D.	„	·007	·009	·012	·014	·023	..	..	..	..	..	..	..	..	..	6,907	
7,629 A.	Bom Mai Za	·006	·008	·010	·012	·014	·019	..	..	..	..	..	..	..	..	8,437	
7,629 B.	„ „	·005	·006	·007	·008	·010	·011	·012	·014	·016	·018	..	..	..	..	13,608	
7,665 A.	Dhane Eha	·008	·010	·022	..	..	..	..	..	..	..	..	..	..	..	4,704	
7,665 B.	„ „	·006	·012	·021	..	..	..	..	..	..	..	..	..	..	..	4,816	
7,674 A.	Tonk Tsa	·005	·007	·010	..	..	..	..	..	..	..	..	..	..	..	5,488	
7,674 B.	„	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7,677 A.	Tseek Tha	·006	·008	·010	·012	·014	·027	..	..	..	..	..	..	..	..	7,952	
7,677 B.	„ „	·006	·009	·013	·025	..	..	..	..	..	..	..	..	..	..	5,824	
9,238 A.	- - -	·005	·008	·015	..	..	..	..	..	..	..	..	..	..	..	4,816	
9,239 A.	Bayang Bada	·004	·006	·008	·012	..	..	..	..	..	..	..	..	..	..	6,440	
9,240 A.	Brangan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
EAST INDIA.																	
9,247 A.	- - - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiments.
10,221 A.	Philibeet - - -	·004	·006	·008	·010	..	..	..	..	..	..	..	..	..	..	6,608	
10,225 A.	Saul - - -	·004	·005	·006	·008	·011	..	..	..	..	..	..	..	..	..	7,588	
10,226 A.	Sissoo - - -	·006	·007	·009	·010	·014	·017	..	..	..	..	..	..	..	..	8,344	
10,348 A.	Petwoon - - -	·004	·006	·007	·008	·010	·013	..	..	..	..	..	..	..	..	8,652	
10,348 B.	„ - - -	·006	·008	·009	·011	·014	·016	..	..	..	..	..	..	..	..	8,960	
10,349 A.	Dwa-nee - - -	·006	·007	·009	·010	·014	..	..	..	..	..	..	..	..	..	7,765	
10,349 B.	„ - - -	·006	·010	·012	·015	·019	..	..	..	..	..	..	..	..	..	7,364	
10,352 A.	Eng - - -	·005	·006	·008	·009	·011	·016	..	..	..	..	..	..	..	..	8,363	
10,352 B.	„ - - -	·006	·008	·009	·011	·014	·017	..	..	..	..	..	..	..	..	8,699	
10,354 A.	Thingan - - -	·004	·006	·008	·009	·012	..	..	..	..	..	..	..	..	..	7,728	
10,354 B.	„ - - -	·005	·007	·008	·010	·012	·018	..	..	..	..	..	..	..	..	7,840	
10,355 A.	Thingadoe - - -	·005	·006	·007	·008	·010	·015	..	..	..	..	..	..	..	..	8,213	
10,355 B.	„ - - -	·003	·004	·006	·008	·011	·014	..	..	..	..	..	..	..	..	8,400	
10,356 A.	Engyin - - -	·004	·006	·007	·009	·011	..	..	..	..	..	..	..	..	..	7,700	
10,356 B.	„ - - -	·005	·006	·008	·009	·012	·015	..	..	..	..	..	..	..	..	8,344	
10,357 A.	Theya - - -	·004	·006	·007	·009	·010	·012	·014	..	..	..	..	..	..	..	9,968	
10,358 A.	Gangau - - -	·004	·006	·007	·008	·009	·010	·012	·014	·016	..	..	..	..	..	12,208	
10,358 B.	„ - - -	·003	·004	·005	·006	·008	·009	·012	·016	..	..	..	..	..	..	10,668	
10,359 A.	Toung-tha-lay - -	·004	·006	·008	·010	·016	..	..	..	..	..	..	..	..	..	7,000	
10,359 B.	„ „ - -	·006	·008	·009	·012	..	..	..	..	..	..	..	..	..	..	6,683	
10,361 A.	Poonyet - - -	·006	·008	·011	·015	..	..	..	..	..	..	..	..	..	..	6,421	
10,361 B.	„ - - -	·006	·008	·010	·015	..	..	..	..	..	..	..	..	..	..	6,272	
10,362 A.	Gyo - - -	·006	·008	·011	..	..	..	..	..	..	..	..	..	..	..	5,301	
10,362 B.	„ - - -	·006	·007	·010	..	..	..	..	..	..	..	..	..	..	..	5,301	
10,364 A.	Pinlay-oong - -	·006	·008	·010	·014	·023	..	..	..	..	..	..	..	..	..	7,028	
10,366 A.	Yimma - - -	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
10,366 B.	„ - - -	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
10,367 A.	Broomayza - -	·004	·006	·007	·009	·016	..	..	..	..	..	..	..	..	..	7,112	
10,367 B.	„ - - -	·006	·007	·009	·010	·012	·014	·017	..	..	..	..	..	..	..	9,856	
10,373 A.	Gnoo-shwoay - -	·004	·006	·007	·008	·009	·010	·012	·014	·015	·017	·020	·028	..	..	15,120	
10,375 A.	May-za-lee - -	·005	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	7,504	
10,375 B.	„ - - -	·005	·007	·008	·009	·012	·015	..	..	..	..	..	..	..	..	8,512	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of													Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.	
EAST INDIA.																
10,376 A.	Yin-dike - - -	·006	·007	·008	·010	·012	·014	·018	..	..	..	..	..	..	..	9,893	
10,379 A.	Padouk - - -	·004	·005	·006	·007	·008	·010	·012	·014	..	..	..	..	..	..	10,976	
10,379 B.	„ - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiment.
10,380 A.	Kokoh - - -	·006	·008	·009	·012	..	..	..	..	..	..	..	..	..	..	6,571	
10,382 A.	Poukthenma - myek - kyouk.	·005	·007	·009	·010	·013	·016	..	..	..	..	..	..	..	..	8,587	
10,384 A.	Thitsee - - -	·005	·006	·008	·009	·010	·013	·016	..	..	..	..	..	..	..	9,352	
10,386 A.	Nabhay - - -	·004	·006	·008	·009	·014	..	..	..	..	..	..	..	..	..	7,019	
10,388 A.	Pangah - - -	·005	·006	·007	·008	·010	·011	·013	·019	..	..	..	..	..	..	10,276	
10,388 B.	„ - - -	·006	·007	·008	·010	·012	·013	·016	..	..	..	..	..	..	..	9,996	
10,390 A.	Ktoukgyan - - -	·006	·008	·009	·011	·013	·015	·023	..	..	..	..	..	..	..	9,352	
10,390 B.	„ - - -	·004	·006	·007	·008	·010	·012	·017	..	..	..	..	..	..	..	9,296	
10,393 A.	Bambonay - - -	·006	·008	·009	·012	·032	..	..	..	..	..	..	..	..	..	6,832	
10,393 B.	„ - - -	·006	·008	·012	·027	..	..	..	..	..	..	..	..	..	..	5,936	
10,394 A.	Thabyehgjo - - -	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	6,421	
10,394 B.	„ - - -	·006	·008	·009	·012	..	..	..	..	..	..	..	..	..	..	6,720	
10,397 A.	Thabyehgah - - -	·009	·013	·018	·024	·032	·040	..	..	..	..	..	..	..	..	8,568	Not square.
10,399 A.	Laizah - - -	·005	·006	·008	·010	..	..	..	..	..	..	..	..	..	..	6,645	
10,399 B.	„ - - -	·006	·008	·010	·013	·056	..	..	..	..	..	..	..	..	..	7,224	
10,405 A.	Hnau - - -	·006	·008	·009	·013	·027	..	..	..	..	..	..	..	..	..	7,000	
10,405 B.	„ - - -	·006	·007	·009	·010	·012	..	..	..	..	..	..	..	..	..	7,616	
10,406 A.	Bingah - - -	·006	·007	·009	·012	·016	..	..	..	..	..	..	..	..	..	7,728	
10,406 B.	„ - - -	·006	·007	·009	·010	·013	·018	..	..	..	..	..	..	..	..	8,260	
10,409 A.	Htein - - -	·006	·011	·018	..	..	..	..	..	..	..	..	..	..	..	5,964	
10,409 B.	„ - - -	·006	·008	·010	·013	..	..	..	..	..	..	..	..	..	..	6,636	
10,410 A.	Hteingalah - - -	·007	·009	·012	·014	·018	·025	..	..	..	..	..	..	..	..	8,456	
10,410 B.	„ - - -	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
10,415 A.	Khaboung - - -	·010	·018	·138	..	..	..	..	..	..	..	..	..	..	..	4,732	
10,416 A.	Toung-za-lat - - -	·004	·006	·007	·009	·012	..	..	..	..	..	..	..	..	..	7,560	
10,416 B.	„ - - -	·006	·008	·009	·011	·014	..	..	..	..	..	..	..	..	..	7,504	
10,417 A.	Paet-than - - -	·006	·008	·010	·014	·028	..	..	..	..	..	..	..	..	..	7,224	
10,419 A.	Tha-khoot-ma - - -	·007	·008	·011	..	..	..	..	..	..	..	..	..	..	..	5,339	
10,419 B.	„ „ - - -	·008	·011	·016	..	..	..	..	..	..	..	..	..	..	..	5,124	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320	lbs. 13,440	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
EAST INDIA.																	
10,420 A.	Than-day	·005	·007	·008	·010	·012	·016	..	..	..	..	..	..	..	..	8,437	
10,420 B.	- - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiment.
10,421 A.	Kyoun-douk	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
10,422 A.	Thanat	·010	..	..	..	..	..	..	..	..	..	..	..	..	..	3,137	Bad symptoms of dry
10,422 B.	„	·095	..	..	..	..	..	..	..	..	..	..	..	..	..	2,576	Do. [rot.
10,426 A.	Kuyon Teak	·007	·008	·010	·012	..	..	..	..	..	..	..	..	..	..	6,645	
10,426 B.	„ „	·008	·009	·012	·014	..	..	..	..	..	..	..	..	..	..	6,580	
10,426 C.	„ „	·005	·006	·008	·010	..	..	..	..	..	..	..	..	..	..	6,608	
10,427 A.	Yemaneh	·010	·014	..	..	..	..	..	..	..	..	..	..	..	..	3,976	
10,427 B.	„	·007	·009	·013	..	..	..	..	..	..	..	..	..	..	..	4,928	
10,429 A.	Momakha	·010	·030	..	..	..	..	..	..	..	..	..	..	..	..	3,547	
10,430 A.	Tounbein	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	
10,430 B.	„	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
10,430 C.	„	·006	·008	·010	·013	..	..	..	..	..	..	..	..	..	..	6,608	
10,434 A.	Theetmin	·005	·006	·007	·009	·011	·014	..	..	..	..	..	..	..	..	8,764	
10,435 A.	Tinyoobeu	·006	·008	·011	·017	..	..	..	..	..	..	..	..	..	..	6,356	
10,435 B.	„	·008	·010	·015	..	..	..	..	..	..	..	..	..	..	..	5,124	
10,438 A.	Nasha	·006	·010	..	..	..	..	..	..	..	..	..	..	..	..	4,144	
10,438 B.	„	·008	·012	..	..	..	..	..	..	..	..	..	..	..	..	4,405	
10,438 C.	„	·007	·010	..	..	..	..	..	..	..	..	..	..	..	..	4,256	
10,440 A.	Bamau	·008	·013	·018	·020	·025	·026	·030	..	..	..	..	..	..	..	9,072	Not square; split.
10,465 A.	Dedoap Tha	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiment.
10,465 B.	„	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiment.
10,475 A.	Manee Auka	·006	·007	·009	·011	·014	·018	..	..	..	..	..	..	..	..	8,652	
10,475 B.	„ „	·006	·008	·010	·013	·018	..	..	..	..	..	..	..	..	..	7,616	
10,476 A.	Ngoo Tha	·005	·007	·009	·012	..	..	..	..	..	..	..	..	..	..	6,664	
10,476 B.	„	·006	·008	·012	..	..	..	..	..	..	..	..	..	..	..	5,124	
10,476 C.	„	·006	·007	·008	·010	·015	..	..	..	..	..	..	..	..	..	7,504	
10,477 A.	Kay Yoob	·006	·008	·009	·011	·014	·018	..	..	..	..	..	..	..	..	8,512	
10,477 B.	„	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Split.
10,477 C.	„	·005	·007	·008	·010	·014	..	..	..	..	..	..	..	..	..	7,756	
10,478 A.	Nat Gyee	·006	·008	·010	·012	·015	·023	·084	..	..	..	..	..	..	..	9,931	
10,478 B.	„	·007	·009	·012	·016	·026	·060	..	..	..	..	..	..	..	..	8,456	Split a little in one corner.

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
EAST INDIA																	
10,478 C.	Nat Gyee	·005	·006	·008	·009	·012	·018	..	..	..	..	..	..	..	..	8,680	
10,482 A.	Pune Tha	·006	·007	·009	·010	·013	·018	..	..	..	..	..	..	..	..	8,344	
10,482 B.	„	·004	·006	·007	·009	·012	·016	..	..	..	..	..	..	..	..	8,512	
10,485 A.	Padouk	·006	·007	·008	·010	·011	·012	·014	·015	·017	·019	·026	..	..	..	14,075	
10,485 B.	„	·004	·005	·006	·008	·009	·010	·011	·012	·014	·016	·018	..	..	..	14,373	
10,485 C.	„	·004	·006	·007	·008	·010	·011	·013	·015	·018	..	..	..	..	..	12,152	
10,489 A.	Kya Ya	·007	·008	·010	·013	·015	·017	·020	..	..	..	..	..	..	..	9,940	Not quite square.
10,489 B.	„	·006	·007	·009	·011	·013	·016	·020	..	..	..	..	..	..	..	9,520	
10,491 A.	Zangyeeoat-doup (Oak-leaved Polypod).	·007	·008	·010	·012	·014	·017	·020	..	..	..	..	..	..	..	9,156	
10,491 B.	„ „	·004	·005	·006	·008	·009	·010	·014	..	..	..	..	..	..	..	9,333	
HUNGARY.																	
1 A.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiments.
1 B.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1 C.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1 D.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2 A.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2 B.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2 C.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2 D.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
3 A.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
3 B.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
3 C.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
3 D.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4 A.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4 B.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4 C.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4 D.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
5 A.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
5 B.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
HUNGARY.																	
5 C.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiments.
5 D.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
6 A.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
6 B.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
6 C.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
6 D.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7 A.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7 B.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7 C.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7 D.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8 A.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8 B.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8 C.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8 D.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
9 A.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
9 B.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
9 C.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
9 D.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
10 A.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
10 B.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
10 C.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
10 D.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
11 A.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
11 B.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
13 A.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
13 B.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
13 C.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
13 D.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
14 A.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
14 B.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
14 C.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
14 D.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
15 A.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
HUNGARY.																	
15 B.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiments.
16 A.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
16 B.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
17 A.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
17 B.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
17 C.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
17 A.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
25 A.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
25 B.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
25 C.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
25 D.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
26 A.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
26 B.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
27 A.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
27 B.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
27 C.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
28 A.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
28 B.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
JAMAICA.																	
160 A.	White Lance Wood	·006	·009	·012	·015	·018	·022	·031	..	..	..	..	..	..	..	9,893	Out of square.
160 B.	" " "	·006	·008	·009	·012	·014	·018	·029	..	..	..	..	..	..	..	9,968	
164 A.	Blood or Iron Wood	·005	·006	·008	·010	·015	..	..	..	..	..	..	..	..	..	7,280	
164 B.	" "	·006	·008	·009	·012	·016	..	..	..	..	..	..	..	..	..	7,280	
164 C.	" "	·006	·008	·009	·012	·021	..	..	..	..	..	..	..	..	..	6,804	
164 D.	" "	·007	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	6,552	
169 A.	Red Wood	·004	·006	·008	·009	·012	..	..	..	..	..	..	..	..	..	7,765	
169 B.	" "	·005	·007	·008	·010	·014	..	..	..	..	..	..	..	..	..	7,728	
169 C.	" "	·006	·008	·010	·013	·017	..	..	..	..	..	..	..	..	..	7,784	
169 D.	" "	·005	·007	·008	·010	·015	..	..	..	..	..	..	..	..	..	7,168	
189 A.	Jack Fruit	·008	·011	·014	·019	..	..	..	..	..	..	..	..	..	..	6,524	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
JAMAICA.																	
189 B.	Jack Fruit	·008	·010	·015	..	..	..	..	..	..	..	..	..	..	..	5,516	
189 C.	" "	·005	·007	·008	·010	..	..	..	..	..	..	..	..	..	..	6,608	
189 D.	" "	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	6,085	
201 A.	Red Candle Wood	·005	·007	·008	·010	·013	·018	·066	..	..	..	..	..	..	..	9,408	
201 B.	" " "	·005	·006	·008	·009	·012	·016	..	..	..	..	..	..	..	..	8,844	
201 C.	" " "	·006	·008	·009	·011	·014	·022	..	..	..	..	..	..	..	..	8,475	
201 D.	" " "	·006	·008	·009	·011	·014	·018	..	..	..	..	..	..	..	..	8,792	Symptoms of dry rot.
210 A	- - -	·006	·008	·009	·011	·014	·018	..	..	..	..	..	..	..	..	8,792	Symptoms of dry rot.
210 B.	- - -	·008	·011	·016	·019	·024	..	..	..	..	..	..	..	..	..	7,812	Do.
210 C.	- - -	·006	·007	·008	·010	·013	·024	..	..	..	..	..	..	..	..	7,840	Do.
212 A.	Jamaica Ebony	·005	·006	·008	·009	·010	·011	·013	·014	·016	·018	·021	·026	..	..	15,568	
212 B.	" "	·004	·005	·006	·007	·008	·010	·011	·012	·014	·016	·023	..	..	..	13,963	
216 A.	Dog Wood	·004	·006	·007	·008	·009	·011	·014	·018	..	..	..	..	..	..	10,528	Symptoms of dry rot.
216 B.	" "	·005	·006	·008	·009	·011	·014	·018	..	..	..	..	..	..	..	9,912	Do.
216 C.	" "	·004	·005	·006	·007	·008	·009	·010	·012	·015	·018	..	..	..	..	13,272	
216 D.	" "	·004	·005	·006	·007	·009	·010	·012	·014	·018	..	..	..	..	..	12,171	Put in the other way up to 1¼ ton.
218 A.	" "	·004	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	7,429	
218 B.	" "	·005	·006	·008	·010	·012	·016	..	..	..	..	..	..	..	..	8,661	
223 A.	Braziletto	·002	·003	·004	·006	·007	·008	·009	·010	·013	..	..	..	..	..	12,245	
223 B.	"	·005	·007	·008	·010	·012	·014	·016	·018	·022	·030	..	..	..	..	12,684	
223 C.	"	·003	·004	·006	·007	·008	·009	·010	·012	·014	..	..	..	..	..	12,283	
223 D.	"	·004	·006	·007	·008	·009	·010	·012	·014	·016	..	..	..	..	..	12,264	
228 A.	Yellow Candle Wood	·007	·010	·012	·014	·017	·020	..	..	..	..	..	..	..	..	8,736	
228 B.	" " "	·004	·005	·006	·008	·009	·011	·014	..	..	..	..	..	..	..	9,604	
236 A.	South-American Acacia.	·012	·018	..	..	..	..	..	..	..	..	..	..	..	..	4,088	
236 B.	" " "	·008	·011	..	..	..	..	..	..	..	..	..	..	..	..	4,284	
236 C.	" "	·008	·014	..	..	..	..	..	..	..	..	..	..	..	..	4,032	
252 A.	White Mangrove	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	6,309	
252 B.	" "	·008	·010	·013	·017	..	..	..	..	..	..	..	..	..	..	6,384	
252 C.	" "	·005	·007	·009	·017	..	..	..	..	..	..	..	..	..	..	5,899	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,080.	lbs. 16,800.		
JAMAICA.																	
267 A.	White Bully Tree	·006	·007	·008	·010	·013	·019	..	..	..	..	..	..	..	..	8,400	
267 B.	" "	·004	·006	·007	·009	·012	·026	..	..	..	..	..	..	..	..	7,952	
267 C.	" "	·007	·009	·010	·013	·017	..	..	..	..	..	..	..	..	..	7,280	Small worm-holes through, went in one.
267 D.	" "	·005	·006	·007	·008	·010	·018	..	..	..	..	..	..	..	..	8,288	
284 A.	Tecoma stans	·007	·008	·010	·012	·015	..	..	..	..	..	..	..	..	..	7,532	
284 B.	" "	·007	·009	·012	·015	·026	..	..	..	..	..	..	..	..	..	6,804	
297 A.	Red Heart	·005	·007	·008	·009	·010	·012	·013	·015	017	·021	..	..	..	..	12,768	
297 B.	" "	·005	·006	·007	·008	·009	·010	·012	·013	·015	·020	..	..	..	..	12,432	
297 C.	" "	·005	·006	·007	·008	·009	·010	·012	·013	·014	·016	·018	..	..	..	14,280	
297 D.	" "	·006	·008	·009	·010	·012	·013	·014	·016	·018	·024	..	..	..	..	12,320	
312 A.	- - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiments.
312 B.	- - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
312 C.	- - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
319 A*a*.	Section of Cocoa Nut	·005	·006	·007	·008	·010	·011	·012	·014	·018	·027	..	..	..	..	12,936	
319 A*b*.	" "	·004	·006	·007	·008	·009	·010	·012	·015	·018	·022	·026	..	..	..	14,028	
319 B*a*.	" "	·004	·006	·007	·009	·011	·016	..	..	..	..	..	..	..	..	8,288	
319 B*b*.	" "	·004	·005	·006	·008	·010	..	..	..	..	..	..	..	..	..	7,803	
319 B*c*.	" "	·005	·006	·007	·009	·011	·017	..	..	..	..	..	..	..	..	8,363	
319 B*d*.	" "	·004	·006	·007	·008	·009	·010	·013	·016	..	..	..	..	..	..	10,612	
319 C*a*.	" "	·004	·005	·006	·008	·009	·010	·014	..	..	..	..	..	..	..	10,024	
319 C*b*.	" "	·006	·007	·008	·010	·012	·013	·015	·020	..	..	..	..	..	..	10,401	
319 E*a*.	" "	·006	·008	·009	·010	·012	·014	·015	·016	·018	·024	..	..	..	..	13,188	
319 E*b*.	" "	·008	·010	·015	·018	·023	·028	·033	·038	·046	..	..	..	..	..	12,264	Very much out of square.
320 A.	Yoke Wood	·002	·004	·006	·008	·012	..	..	..	..	..	..	..	..	..	7,336	
320 B.	" - -	·005	·007	·008	·011	·017	..	..	..	..	..	..	..	..	..	7,392	
324 A.	Santa-Maria	·007	·009	·014	..	..	..	..	..	..	..	..	..	..	..	5,544	
324 B.	" - -	·006	·008	·010	..	..	..	..	..	..	..	..	..	..	..	5,320	
326 A.	Red Wood	·009	·012	·014	·018	·022	..	..	..	..	..	..	..	..	..	7,616	
326 B.	" - -	·007	·009	·010	·013	·017	..	..	..	..	..	..	..	..	..	7,392	
328 A.	Black Bullet Tree	·005	·006	·007	·009	·010	·012	·017	..	..	..	..	..	..	..	9,240	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,900.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
JAMAICA.																	
328 B.	Black Bullet Tree	·007	·009	·012	·014	·017	·022	..	..	..	..	..	..	..	..	8,624	
329 A.	Galla Pear	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
329 B.	„	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
329 C.	„	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
332 A.	Hog-berry	·006	·008	·010	·012	·016	·025	..	..	..	..	..	..	..	..	8,101	
332 B.	„	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	6,440	
332 C.	„	·006	·007	·008	·010	·016	..	..	..	..	..	..	..	..	..	7,056	
332 D.	„	·005	·006	·008	·010	..	..	..	..	..	..	..	..	..	..	6,533	
338 A.	Spanish Elm	·006	·007	·009	·012	·018	..	..	..	..	..	..	..	..	..	7,280	
338 B.	„ „	·007	·009	·013	·022	..	..	..	..	..	..	..	..	..	..	5,973	
338 C.	„ „	·006	·008	010	·012	·017	..	..	..	..	..	..	..	..	..	7,560	
339 A.	Naseberry Bullet Tree	·005	·006	·008	·009	·010	·012	·014	·015	·021	..	..	..	..	..	11,592	
339 B.	„ „	·005	·006	·007	·009	·010	·012	·016	..	..	..	..	..	..	..	9,968	
339 C.	„ „	·004	·005	·006	·007	·008	·010	·012	·015	·026	..	..	..	..	..	11,424	
339 D.	„ „	·005	·006	·007	·008	·010	·011	·013	·022	..	..	..	..	..	..	10,360	
341 A.	Ironwood	·005	·007	·008	·009	·010	·012	·014	·017	·021	·050	..	..	..	..	13,216	
343 A.	Cassada Wood	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
343 B.	„ „	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
343 C.	„ „	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
345 A.	Wild Orange	·005	·006	·008	·009	·010	·012	·014	·016	·020	..	..	..	..	..	12,171	
345 B.	„	·006	·008	·010	·013	·016	·020	·022	·026	·030	..	..	..	..	..	12,180	
350 A.	Green Heart	·006	·008	·009	·010	·012	·014	·016	·018	..	..	..	..	..	..	10,976	
350 B.	„	·006	·007	·008	·010	·012	·014	·016	·019	..	..	..	..	..	..	11,144	
351 A.	Musk Wood	·007	·009	·014	..	..	..	..	..	..	..	..	..	..	..	5,292	
354 A.	Sweet Wood	·006	·007	·009	·011	·015	..	..	..	..	..	..	..	..	..	7,691	
354 B.	„	·007	·009	·012	·016	·020	..	..	..	..	..	..	..	..	..	7,616	
355 A.	Black Rosewood	·006	·008	·010	·012	·014	·016	·018	·022	..	..	..	..	..	..	11,032	
355 B.	„ „	·006	·007	·008	·010	·012	·014	·015	·018	·024	..	..	..	..	..	11,648	
358 A.	White Rosewood	·004	·005	·006	·007	·008	·010	·012	..	..	..	..	..	..	..	9,968	
358 B.	„ „	·006	·009	·012	·016	·020	·028	..	..	..	..	..	..	..	..	8,699	
358 C.	„ „	·006	·007	·009	·010	·012	·014	·016	·022	..	..	..	..	..	..	10,304	
363 A.	Beech Wood	·005	·006	·008	·010	·015	·123	..	..	..	..	..	..	..	..	8,092	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of													Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,900.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,080.	lbs. 16,800.	
JAMAICA.																
365 A.	Wild Cinnamon	·004	·006	·007	·008	·010	..	..	..	..	..	..	..	..	..	7,765	
365 B.	„ „	·006	·008	·010	·015	..	..	..	..	..	..	..	..	..	..	6,197	
367 A.	White Cedar	·006	·003	..	..	..	..	..	..	..	..	..	..	..	..	3,836	
367 B.	„	·008	..	..	..	..	..	..	..	..	..	..	..	..	..	3,360	
371 A.	White Torch	·010	·012	·015	·017	·019	·022	·027	..	..	..	..	..	..	..	9,259	Not square.
371 B.	„	·005	·006	·008	·009	·010	·012	·015	..	..	..	..	..	..	..	9,856	
371 C.	„	·005	·006	·008	·009	·011	·014	..	..	..	..	..	..	..	..	8,736	
371 D.	„	·006	·007	·008	·009	·010	·012	·014	..	..	..	..	..	..	..	9,893	
372 A.	Beef Apple	·005	·006	·008	·010	·013	..	..	..	..	..	..	..	..	..	7,504	
372 B.	„	·016	·021	·026	·030	·044	..	..	..	..	..	..	..	..	..	6,981	Out of square.
376 A.	Blood-red Wood	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	6,384	
376 B.	„	·006	·007	·009	·011	·015	..	..	..	..	..	..	..	..	..	7,429	
378 A.	Fig Tree, Wild	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
384 A.	Black Mahogany or Blood-red Wood.	·006	·008	·010	·012	..	..	..	..	..	..	..	..	..	..	6,533	
384 B.	„ „ „	·005	·006	·008	·010	·016	..	..	..	..	..	..	..	..	..	6,981	
384 C.	„ „ „	·003	·006	·009	·013	·018	..	..	..	..	..	..	..	..	..	7,728	
384 D.	„ „ „	·005	·007	·008	·012	..	..	..	..	..	..	..	..	..	..	6,328	
407 A.	Star Apple	·006	·008	·009	·011	·013	·018	..	..	..	..	..	..	..	..	8,624	
LIBERIA.																	
7 A.	Whismore	·006	·007	·009	·013	..	..	..	..	..	..	..	..	..	..	6,309	
7 B.	„	·005	·006	·008	·010	·012	..	..	..	..	..	..	..	..	..	7,616	
7 C.	„	·007	·008	·010	·015	..	..	..	..	..	..	..	..	..	..	5,936	
10 A.	Cedar	·006	·008	·009	·010	·012	·014	·016	·018	·022	..	..	..	..	..	11,984	
10 B.	„	·005	·006	·008	·009	·011	·013	·015	·017	·020	..	..	..	..	..	11,835	
10 C.	„	·006	·007	·008	·010	·011	·013	·015	·017	·020	·029	..	..	..	..	12,824	
11 A.	Black Gum	·004	·006	·007	·008	·010	·012	·014	·018	..	..	..	..	..	..	10,612	Furthest from heart.
11 B.	„ „	·005	·006	·007	·008	·009	·010	·012	013	·015	..	..	..	..	..	12,152	Nearest heart.
11 C.	„ „	·005	·007	·008	·010	·012	·015	·021	..	..	..	..	..	..	..	9,296	Between two specimens.

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
LIBERIA.																	
15 A.	Burr Wood	·006	·007	·009	·011	·014	..	..	..	..	..	..	..	..	..	7,653	
15 B.	„ „	·006	·008	·010	·012	·016	..	..	..	..	..	..	..	..	..	7,728	
15 C.	„ „	·005	·006	·008	·010	·013	..	..	..	..	..	..	..	..	..	7,476	
15 D.	„ „	·006	·008	·010	·013	·017	..	..	..	..	..	..	..	..	..	7,252	
16 A.	Cherry	·007	·009	·011	·014	..	..	..	..	..	..	..	..	..	..	6,160	
16 B.	„	·007	·008	·010	·015	..	..	..	..	..	..	..	..	..	..	6,160	
17 A.	Brimstone	·006	·007	·009	·012	..	..	..	..	..	..	..	..	..	..	6,384	
17 B.	„	·008	·010	·012	·016	..	..	..	..	..	..	..	..	..	..	6,636	
17 C.	„	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
18 A.	Box Wood	·004	·006	·007	·008	·010	·013	·017	..	..	..	..	..	..	..	9,483	
18 B.	„	·004	·005	·006	·007	·009	·010	·012	·016	..	..	..	..	..	..	10,612	
19 A.	Cedar	·006	·007	·009	·014	..	..	..	..	..	..	..	..	..	..	6,048	
19 B.	„	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
19 C.		·006	·008	·010	·015	..	..	..	..	..	..	..	..	..	..	6,085	
20 A*a*.	Mahogany	·005	·007	·009	·012	..	..	..	..	..	..	..	..	..	..	6,160	
20 A*b*.	„	·007	·009	·012	..	..	..	..	..	..	..	..	..	..	..	5,488	
20 A*c*.		·008	·010	·013	·018	..	..	..	..	..	..	..	..	..	..	6,123	
20 A*d*.		·006	·008	·011	·019	..	..	..	..	..	..	..	..	..	..	6,048	
20 A.	Iron Wood	·005	·006	·007	·008	·010	·012	·016	..	..	..	..	..	..	..	10,080	
20 B.	„ „	·005	·006	·008	·009	·010	·012	·016	..	..	..	..	..	..	..	9,931	
20 C.	„ „	·005	·007	·008	·010	·011	·013	·015	·018	..	..	..	..	..	..	1,172	
21 A.	Black Oak	·004	·005	·006	·008	·009	·010	..	..	..	..	..	..	..	..	8,820	
21 B.	„ „	·006	·007	·008	·010	·012	..	..	..	..	..	..	..	..	..	7,728	
21 C.	„ „	·004	·006	·007	·008	·010	·015	..	..	..	..	..	..	..	..	8,232	
21 D.	„ „	·005	·006	·008	·010	·012	..	..	..	..	..	..	..	..	..	7,803	
22 A.	Mahogany	·005	·007	·008	·012	..	..	..	..	..	..	..	..	..	..	6,085	
22 B.	„	·006	·008	·010	·015	..	..	..	..	..	..	..	..	..	..	6,085	
22 C.	„	·006	·008	·010	·016	..	..	..	..	..	..	..	..	..	..	5,880	
22 D.	„	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
58 A.	Mahogany	·006	·008	·009	·012	·016	..	..	..	..	..	..	..	..	..	7,728	
58 B.	„	·005	·007	·008	·010	·012	·015	..	..	..	..	..	..	..	..	8,400	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
NEW SOUTH WALES, N.																	
1 A.	Bogum-bogum	·005	·006	·008	·011	..	..	..	..	..	..	..	..	..	..	6,608	Started from a worm hole. Symptoms of dry rot.
1 B.	" "	·007	·010	·018	..	..	..	..	..	..	..	..	..	..	..	4,704	Dry rot.
3 A.	Tovrie	·005	·006	·007	·009	·010	·016	..	..	..	..	..	..	..	..	7,840	
3 B.	"	·005	·007	·008	·010	·012	·016	..	..	..	..	..	..	..	..	8,363	
3 C.	"	·006	·008	·009	·011	·014	..	..	..	..	..	..	..	..	..	7,532	
4 A.		·010	·014	·019	..	..	..	..	..	..	..	..	..	..	..	5,348	Dry rot.
4 B.		·006	·007	·009	·012	·018	..	..	..	..	..	..	..	..	..	6,776	Dry rot.
5 A.	Brush, Bastard, or White Box.	·007	·009	·010	·012	·015	..	..	..	..	..	..	..	..	..	8,363	
5 B.	" "	·007	·008	·011	·014	·018	..	..	..	..	..	..	..	..	..	7,504	
5 C.	" "	·006	·008	·009	·012	..	..	..	..	..	..	..	..	..	..	6,636	
5 D.	" "	·006	·008	·010	·014	·018	..	..	..	..	..	..	..	..	..	7,541	
6 A.	Red Box	·006	·009	·014	..	..	..	..	..	..	..	..	..	..	..	5,096	
6 B.	"	·013	·018	..	..	..	..	..	..	..	..	..	..	..	..	4,480	
6 C.	"	·007	·009	·013	..	..	..	..	..	..	..	..	..	..	..	5,264	
6 D.	"	·007	·010	·014	..	..	..	..	..	..	..	..	..	..	..	5,488	
7 A.	Buranna	·006	·009	·018	..	..	..	..	..	..	..	..	..	..	..	4,816	
7 B.	"	·008	·012	·034	..	..	..	..	..	..	..	..	..	..	..	4,760	
10 A.	Box of Illawara	·006	·008	·012	..	..	..	..	..	..	..	..	..	..	..	4,984	Dry rot.
10 B.		·006	·008	·010	..	..	..	..	..	..	..	..	..	..	..	5,516	
12 D.	Gomphan	·010	·013	·017	·033	..	..	..	..	..	..	..	..	..	..	5,992	
13 A.	Wobul	·004	·006	·008	·009	·010	·013	..	..	..	..	..	..	..	..	8,848	
13 B.	"	·007	·009	·012	·014	·018	·026	..	..	..	..	..	..	..	..	7,924	
14 A.		·006	·008	·009	·010	·015	..	..	..	..	..	..	..	..	..	7,336	
14 B.		·006	·008	·010	·012	·015	·019	..	..	..	..	..	..	..	..	8,568	
15 A.	Moreton Bay Pine	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
15 B.	" " "	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
15 C.	" " "	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
15 D.	" " "	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
17 A.		·006	·008	·011	..	..	..	..	..	..	..	..	..	..	..	5,292	
17 B.		·006	·007	·010	..	..	..	..	..	..	..	..	..	..	..	5,376	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
	NEW SOUTH WALES, N.																
19 A.	Cherry	·006	·008	·016	..	..	..	..	..	..	..	..	..	..	..	4,592	
19 B.	"	·005	·007	..	..	..	..	..	..	..	..	..	..	..	..	4,424	Dry rot.
21 A.		·006	·007	·009	·011	·018	..	..	..	..	..	..	..	..	..	6,832	
21 B.		·004	·006	·008	·009	·012	..	..	..	..	..	..	..	..	..	7,616	
22 A.		·006	·009	..	..	..	..	..	..	..	..	..	..	..	..	4,200	
22 B.		·008	·012	..	..	..	..	..	..	..	..	..	..	..	..	4,032	
22 C.		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
22 D.		·008	·012	..	..	..	..	..	..	..	..	..	..	..	..	3,976	
23 A.		·006	·007	·009	·014	..	..	..	..	..	..	..	..	..	..	6,020	
23 B.		·006	·008	·010	·016	..	..	..	..	..	..	..	..	..	..	5,656	
23 C.		·008	·010	·014	..	..	..	..	..	..	..	..	..	..	..	5,320	
23 D.		·008	·010	·014	..	..	..	..	..	..	..	..	..	..	..	5,460	
24 A.	Ash, Beech, and Flindosa	·005	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	7,252	
24 B.	" " "	·004	·006	·007	·009	·011	..	..	..	..	..	..	..	..	..	7,803	
24 C.	" " "	·005	·007	·008	·010	·017	..	..	..	..	..	..	..	..	..	6,720	
24 D.	" " "	·007	·009	·012	·017	·058	..	..	..	..	..	..	..	..	..	7,000	Not square.
25 A.		·007	·009	·013	..	..	..	..	..	..	..	..	..	..	..	5,152	
25 B.		·007	·009	·013	..	..	..	..	..	..	..	..	..	..	..	5,348	
25 C.		·008	·012	·018	..	..	..	..	..	..	..	..	..	..	..	4,853	
25 D.		·006	·008	·012	..	..	..	..	..	..	..	..	..	..	..	5,404	
26 A.	Cherry of the Clarence	·006	·008	·012	·029	..	..	..	..	..	..	..	..	..	..	5,600	
26 B.	" "	·007	·008	·011	·017	..	..	..	..	..	..	..	..	..	..	5,880	
27 A.	Native Tamarind	·007	·009	·012	..	..	..	..	..	..	..	..	..	..	..	5,152	
27 B.	" "	·006	·007	·010	..	..	..	..	..	..	..	..	..	..	..	5,432	
27 C.	" "	·007	·009	·012	..	..	..	..	..	..	..	..	..	..	..	5,488	
28 A.	Native Plum	·006	·008	·009	·012	·015	..	..	..	..	..	..	..	..	..	7,280	
28 B.	" "	·005	·007	·008	·009	·010	·012	·014	·018	..	..	..	..	..	..	10,192	
28 C.	" "	·006	·007	·008	·010	·011	·013	..	..	..	..	..	..	..	..	8,736	
28 D.	" "	·005	·006	·007	·009	·010	·014	·019	..	..	..	..	..	..	..	9,184	
35 A.		·007	·010	·016	..	..	..	..	..	..	..	..	..	..	..	4,536	
35 B.		·006	·007	·010	..	..	..	..	..	..	..	..	..	..	..	5,180	
36 A.		·004	·006	·007	·008	·010	·013	..	..	..	..	..	..	..	..	8,428	
36 B.		·005	·007	·008	·010	·013	..	..	..	..	..	..	..	..	..	7,784	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
NEW SOUTH WALES, N.																	
40 A.	Uroobie - - -	·006	·009	·010	·013	·015	..	..	..	..	..	..	..	..	..	7,728	
40 B.	,, - - -	·007	·008	·009	·011	·013	·016	..	..	..	..	..	..	..	..	8,736	
40 C.	,, - - -	·006	·008	·009	·010	·013	·018	..	..	..	..	..	..	..	..	8,400	
43 A.	Bat and Ball, Native Orange, Native Pomegranate.	·009	·011	·014	·018	..	..	..	..	..	..	..	..	..	..	6,608	Dry rot.
43 B.	- - - -	·006	·007	·009	·010	·012	·017	..	..	..	..	..	..	..	..	8,288	
44 A.	Black Myrtle - -	·006	·007	·008	·010	·013	..	..	..	..	..	..	..	..	..	7,168	Not square.
44 B.	,, ,, - -	·010	·019	·080	..	..	..	..	..	..	..	..	..	..	..	4,676	
45 A.	- - - -	·008	·009	·012	..	..	..	..	..	..	..	..	..	..	..	5,376	
45 B.	- - - -	·006	·009	·012	·019	..	..	..	..	..	..	..	..	..	..	5,600	
47 A.	Rosewood - -	·004	·003	·007	·009	·012	..	..	..	..	..	..	..	..	..	7,728	
47 B.	,, - - -	·006	·007	·009	·010	·013	..	..	..	..	..	..	..	..	..	7,560	
47 C.	,, - - -	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
47 D.	,, - - -	·006	·008	·009	·010	·013	..	..	..	..	..	..	..	..	..	7,691	
51 A.	Pencil Cedar, Turnip Wood	·004	·006	·007	·009	·014	..	..	..	..	..	..	..	..	..	6,944	
51 B.	,, ,, ,, -	·006	·007	·009	·011	..	..	..	..	..	..	..	..	..	..	6,692	
51 C.	,, ,, ,, -	·006	·008	·011	·018	..	..	..	..	..	..	..	..	..	..	6,020	
51 D.	,, ,, ,, -	·007	·008	·011	·016	..	..	..	..	..	..	..	..	..	..	6,160	
53 A.	- - - -	·004	·006	·007	·010	·016	..	..	..	..	..	..	..	..	..	7,084	
53 B.	- - - -	·006	·008	·010	·013	..	..	..	..	..	..	..	..	..	..	6,720	
54 A.	- - - -	·004	·005	·007	·008	·011	·023	..	..	..	..	..	..	..	..	7,952	
54 B.	- - - -	·004	·005	·006	·008	·009	·012	..	..	..	..	..	..	..	..	8,232	
60 A.	Hickory, Lignum Vitæ -	·006	·007	·008	·010	·012	·018	..	..	..	..	..	..	..	..	8,176	
60 B.	,, ,, ,, -	·006	·008	·009	·011	·013	·015	..	..	..	..	..	..	..	..	8,848	
61 A.	Flindosa - - -	·005	·007	·008	·010	·016	..	..	..	..	..	..	..	..	..	7,112	
61 B.	,, - - -	·006	·008	·010	·013	·048	..	..	..	..	..	..	..	..	..	6,720	
61 C.	,, - - -	·006	·008	·009	·011	..	..	..	..	..	..	..	..	..	..	6,636	
61 D.	,, - - -	·006	·007	·009	·012	·016	..	..	..	..	..	..	..	..	..	7,137	
63 A.	Flintamendosa - -	·004	·006	·007	·008	·009	·010	·012	·014	..	..	..	..	..	..	11,088	
63 B.	,, - -	·004	·006	·007	·008	·010	·012	·016	..	..	..	..	..	..	..	9,408	
64 A.	Tea Tree - -	·006	·008	·010	·016	..	..	..	..	..	..	..	..	..	..	6,384	
64 B.	,, - - -	·006	·007	·009	·010	·013	·022	..	..	..	..	..	..	..	..	7,952	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of													Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.	
	NEW SOUTH WALES, N.															
66 A.	Bastard Myall	·007	·010	·012	·015	..	..	..	..	..	..	..	..	..	..	6,692	
66 B.	" "	·006	·007	·008	·010	·012	·016	..	..	..	..	..	..	..	..	8,400	
67 A.		·004	·005	·006	·008	·010	·012	·018	..	..	..	..	..	..	..	9,436	
67 B.		·006	·007	·008	·010	·012	·017	..	..	..	..	..	..	..	..	8,428	
68 A.		·010	·014	..	..	..	..	..	..	..	..	..	..	..	..	3,836	
68 B.		·009	·014	..	..	..	.	..	..	..	..	..	..	..	..	4,116	
69 A.		·005	·006	·008	·010	·015	..	..	..	..	..	..	..	..	..	7,131	
69 B.		·006	·008	·010	·016	..	..	..	..	..	..	..	..	..	..	6,328	
71 A.	Swamp Oak	·006	·007	·008	·010	·013	·019	..	..	..	..	..	..	..	..	7,924	
71 B.	" "	·005	·006	·008	·010	·012	..	..	..	..	..	..	..	..	..	7,728	
74 A.	White Myrtle	·005	·006	·007	·008	·010	·014	..	..	..	..	..	..	..	..	8,400	
74 B.	" "	·004	·006	·007	·009	·012	·019	..	..	..	..	..	..	..	..	8,120	
77 A.	Iron Bark of the Clarence	·005	·006	·007	·008	·009	·010	·012	·013	·016	·022	..	..	..	..	12,320	
77 B.	"	·005	·007	·008	·009	·010	·012	·014	·016	·019	..	..	..	..	..	12,208	
84 A.	Marblewood "	·006	·007	·009	·011	·014	·016	·020	..	..	..	..	..	..	..	9,520	
84 B.	"	·005	·006	·007	·009	·010	·013	..	..	..	..	..	..	..	..	8,904	
88 A.		·004	·006	·007	·008	·010	·013	..	..	..	..	..	..	..	..	8,624	
88 B.		·004	·005	·006	·007	·009	·012	..	..	..	..	..	..	..	..	8,652	
89 B.		·004	·005	·006	·008	·010	·013	·032	..	..	..	..	..	..	..	8,960	
89 A.		·005	·007	·008	·010	·012	·016	..	..	..	..	..	..	..	..	8,624	
93 A.		·007	·009	·012	..	..	..	..	..	..	..	..	..	..	..	5,544	
93 B.		·006	·007	·009	·012	..	..	..	..	..	..	..	..	..	..	6,216	
102 A.	Flooded Gum	·006	·007	·009	·010	·013	..	..	..	..	..	..	..	..	..	7,803	
102 B.	" "	·004	·006	·007	·009	·012	..	..	..	..	..	..	..	..	..	7,840	
102 C.	" "	·004	·006	·007	·008	·010	·014	..	..	..	..	..	..	..	..	8,344	
102 D.	" "	·002	·004	·005	·007	·009	..	..	..	..	..	..	..	..	..	7,812	
103 A.	Grey Gum	·007	·009	·011	·013	·015	·018	..	..	..	..	..	..	..	..	8,960	
103 B.	" "	·010	·016	·020	·024	·027	·033	·040	..	..	..	..	..	..	..	9,295	Not square.
104 A.	Bitter Bark	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	6,692	
104 B.	" "	·006	·007	·009	·012	·020	..	..	..	..	..	..	..	..	..	6,804	
105 A.	Light Yellow Wood	·003	·010	·013	·016	·026	..	..	..	..	..	..	..	..	..	6,720	
105 B.	"	·006	·008	·010	·012	·015	..	..	..	..	..	..	..	..	..	7,579	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of													Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.	
	NEW SOUTH WALES, S.															
17 A.	Dthackai Courroo -	·006	·007	·008	·010	·011	·013	·016	·028	..	..	..	..	..	..	10,080	
17 B.	" " - -	·006	·007	·008	·010	·012	·015	..	..	..	..	..	..	..	..	8,960	
17 C.	" " - -	·009	·016	·020	·024	·029	·034	·042	..	..	..	..	..	..	..	9,632	Not quite square.
17 D.	" " - -	·005	·006	·008	·009	·011	·013	·016	..	..	..	..	..	..	..	9,856	
18 A.	Blue Gum of Coast Districts.	·007	·010	·014	..	..	..	..	..	..	..	..	..	..	..	5,292	
18 B.	" " -	·006	·007	·010	..	..	..	..	..	..	..	..	..	..	..	5,488	
18 C.	" " -	·006	·008	·010	·013	..	..	..	..	..	..	..	..	..	..	6,440	
19 A.	Blue Gum of Camden -	·005	·007	·010	·018	..	..	..	..	..	..	..	..	..	..	6,048	
19 B.	" " " -	·006	·008	·011	·017	..	..	..	..	..	..	..	..	..	..	6,328	Worm-eaten.
19 C.	" " " -	·004	·006	·008	·010	·015	..	..	..	..	..	..	..	..	..	7,616	
19 D.	" " " -	·006	·009	·012	·018	..	..	..	..	..	..	..	..	..	..	6,216	Worm-eaten.
20 A.	Blue Gum - -	·009	·012	·014	·018	·036	..	..	..	..	..	..	..	..	..	6,720	
20 B.	" " - -	·006	·008	·010	·013	·024	..	..	..	..	..	..	..	..	..	6,860	
20 C.	" " - -	·006	·008	·010	·015	..	..	..	..	..	..	..	..	..	..	6,533	
20 D.	" " - -	·005	·006	·008	·012	·018	..	..	..	..	..	..	..	..	..	7,000	
21 A.	" " - -	·007	·009	·010	·012	·015	·020	..	..	..	..	..	..	..	..	8,400	
21 B.	" " - -	·005	·007	·008	·010	·012	·016	..	..	..	..	..	..	..	..	8,736	
21 C.	" " - -	·005	·007	·008	·010	·013	·017	..	..	..	..	..	..	..	..	8,512	
21 D.	" " - -	·007	·009	·013	·018	·022	·028	..	..	..	..	..	..	..	..	8,344	Not square.
23 A.	Grey Gum - -	·006	·007	·009	·010	·013	·019	..	..	..	..	..	..	..	..	8,540	
23 B.	" " - -	·005	·006	·008	·010	·012	·017	..	..	..	..	..	..	..	..	8,344	
23 C.	" " - -	·005	·006	·008	·009	·011	·013	·015	..	..	..	..	..	..	..	10,025	
23 D.	" " - -	·006	·008	·009	·010	·012	·014	·016	..	..	..	..	..	..	..	9,940	
24 A.	Woolly Butt of Illawarra	·005	·006	·007	·009	·010	·012	..	..	..	..	..	..	..	..	8,624	
24 B.	" " " -	·007	·009	·011	·014	·021	..	..	..	..	..	..	..	..	..	6,720	
24 C.	" " " -	·004	·006	·008	·009	·011	·013	·018	..	..	..	..	..	..	..	8,960	
24 D.	" " " -	·006	·008	·010	·016	..	..	..	..	..	..	..	..	..	..	5,936	
25 A.	Rough-barked Gum -	·006	·007	·009	·011	·015	..	..	..	..	..	..	..	..	..	7,504	
25 B.	" " " -	·004	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	7,504	
25 C.	" " " -	·004	·006	·007	·009	·011	·018	..	..	..	..	..	..	..	..	8,288	
25 D.	" " " -	·006	·008	·009	·011	·014	·017	..	..	..	..	..	..	..	..	8,708	
26 C.	Spotted or Mottled Gum	·008	·010	·013	·016	·018	·024	..	..	..	..	..	..	..	..	8,176	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of													Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.	
	NEW SOUTH WALES, S.															
26 D.	Spotted or Mottled Gum	·005	·006	·008	·009	·011	·015	..	..	..	..	..	..	..	..	8,344
27 A.	Black Butt Gum	·004	·005	·006	·008	·009	·015	..	..	..	..	..	..	..	..	7,840
27 B.	" " "	·004	·006	·007	·008	·010	·012	..	..	..	..	..	..	..	..	8,932
27 C.	" " "	·004	·005	·006	·007	·008	·010	..	..	..	..	..	..	..	..	8,848
27 D.	" " "	·003	·004	·005	·007	·009	·012	..	..	..	..	..	..	..	..	8,176
37 A.	- - -	·005	·007	·009	·011	·013	·017	..	..	..	..	..	..	..	..	8,792
37 B.	- - -	·004	·006	·007	·008	·010	·013	..	..	..	..	..	..	..	..	8,624
37 C.	- - -	·007	·008	·010	·011	·014	..	..	..	..	..	..	..	..	..	7,728
37 D.	- - -	·006	·007	·008	·009	·010	·012	·013	·015	..	..	..	..	..	..	11,144
38 A.	Grey Gum from Brisbane Water.	·006	·008	·010	·011	·013	·017	..	..	..	..	..	..	..	..	8,736
38 B.	" " "	·004	·005	·006	·008	·010	·014	..	..	..	..	..	..	..	..	8,568
38 C.	" " "	·006	·007	·008	·010	·012	·014	·021	..	..	..	..	..	..	..	9,324
38 D.	" " "	·007	·008	·010	·012	·014	·022	..	..	..	..	..	..	..	..	8,036
40 A.	Messmate	·006	·008	·009	·011	·016	..	..	..	..	..	..	..	..	..	7,448
40 B.	"	·005	·007	·008	·010	·014	..	..	..	..	..	..	..	..	..	7,672
40 C.	"	·003	·004	·006	·008	·010	..	..	..	..	..	..	..	..	..	7,672
40 D.	"	·005	·007	·008	·010	·014	..	..	..	..	..	..	..	..	..	7,560
42 A.	Swamp Mahogany	·004	·006	·008	·010	·015	..	..	..	..	..	..	..	..	..	7,224
42 B.	"	·006	·008	·009	·011	·014	..	..	..	..	..	..	..	..	..	7,392
42 C.	"	·006	·008	·011	·014	·017	..	..	..	..	..	..	..	..	..	7,224
43 A.	"	·005	·007	·009	·015	..	..	..	..	..	..	..	..	..	..	5,964
43 B.	"	·006	·009	·011	..	..	..	..	..	..	..	..	..	..	..	5,600
43 C.	"	·007	·009	·012	·019	..	..	..	..	..	..	..	..	..	..	5,768
43 D.	"	·006	·006	·06	..	..	..	..	..	..	..	..	..	..	..	4,620
44 A.	Mahogany	·005	·007	·008	·010	·013	..	..	..	..	..	..	..	..	..	7,644
44 B.	"	·006	·008	·009	·012	·015	..	..	..	..	..	..	..	..	..	7,476
44 C.	"	·006	·007	·008	·010	·012	·018	..	..	..	..	..	..	..	..	8,240
44 D.	"	·006	·007	·008	·010	·012	·018	..	..	..	..	..	..	..	..	8,176
46 A.	Stringy Bark of Coast	·005	·007	·008	·009	·010	·012	·015	..	..	..	..	..	..	..	9,296
46 B.	" " "	·006	·008	·009	·011	·013	·015	·020	..	..	..	..	..	..	..	8,960
46 C.	" " "	·005	·007	·008	·009	·011	·013	·017	..	..	..	..	..	..	..	9,464
46 D.	" " "	·005	·006	·008	·009	·010	·012	·016	..	..	..	..	..	..	..	9,212

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of													Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.	
	NEW SOUTH WALES, S.															
47 A.	Stringy Bark, Appin	·006	·008	·009	·011	·013	·015	·020	..	..	..	..	..	..	..	9,352	
47 B.	" " "	·007	·008	·010	·012	·014	·016	..	..	..	..	..	..	..	..	8,792	
47 C.	" " "	·008	·010	·012	·015	·017	·020	..	..	..	..	..	..	..	..	8,456	
47 D.	" " "	·005	·006	·007	·009	·010	·014	..	..	..	..	..	..	..	..	8,232	
48 A.	Stringy Bark, Camden	·006	·007	·009	·010	·013	·016	..	..	..	..	..	..	..	..	8,792	
48 B.	" " "	·006	·007	·008	·009	·011	·015	..	..	..	..	..	..	..	..	8,288	
48 C.	" " "	·006	·007	·008	·010	·011	·013	·018	..	..	..	..	..	..	..	8,960	
48 D.	" " "	·006	·008	·009	·010	·013	·016	..	..	..	..	..	..	..	..	8,148	
49 A.	Stringy Bark, Berrima	·006	·008	·010	·013	·017	..	..	..	..	..	..	..	..	..	7,532	
49 B.	" " "	·006	·008	·009	·011	·014	..	..	..	..	..	..	..	..	..	7,728	
49 C.	" " "	·006	·007	·008	·010	·012	..	..	..	..	..	..	..	..	..	7,812	
49 D.	" " "	·006	·010	·028	·035	·044	..	..	..	..	..	..	..	..	..	7,019	Not square.
52 A.	Apple Tree of Coast	·007	·009	·010	·013	·016	..	..	..	..	..	..	..	..	..	7,168	
52 B.	" "	·007	·009	·012	·018	·05	..	..	..	..	..	..	..	..	..	7,280	
52 C.	" "	·007	·010	·014	·019	·025	..	..	..	..	..	..	..	..	..	6,757	
52 D.	" "	·007	·008	·010	·012	·017	..	..	..	..	..	..	..	..	..	7,224	
53 A.	Apple Tree	·009	·014	·042	..	..	..	..	..	..	..	..	..	..	..	4,480	
53 B.	" "	·008	·010	·018	..	..	..	..	..	..	..	..	..	..	..	5,096	
53 C.	" "	·007	·009	·011	·014	..	..	..	..	..	..	..	..	..	..	6,440	Not good; defective sawing.
53 D.	" "	·008	·012	·038	..	..	..	..	..	..	..	..	..	..	..	4,629	
54 A.	Turpentine	·007	·009	·012	·014	·018	·031	..	..	..	..	..	..	..	..	7,840	
54 B.	"	·006	·008	·010	·012	·016	·025	..	..	..	..	..	..	..	..	7,840	
55 A.	Water Gum	·012	·016	·024	·079	..	..	..	..	..	..	..	..	..	..	5,880	
55 B.	" "	·005	·007	·008	·010	·014	..	..	..	..	..	..	..	..	..	7,488	
57 A.	Hickory	·007	·011	·016	·019	·017	..	..	..	..	..	..	..	..	..	6,972	
57 B.	"	·004	·006	·008	·010	..	..	..	..	..	..	..	..	..	..	6,608	
57 C.	"	·006	·007	·008	·010	·016	..	..	..	..	..	..	..	..	..	7,084	
57 D.	"	·005	·007	·009	·012	·030	..	..	..	..	..	..	..	..	..	6,720	
59 A.	Prickly Tea Tree	·006	·008	·010	·013	..	..	..	..	..	..	..	..	..	..	6,384	
59 B.	" "	·007	·010	·012	·015	..	..	..	..	..	..	..	..	..	..	6,384	
60 A.	Common Tea Tree	·007	·009	·012	·016	..	..	..	..	..	..	..	..	..	..	6,356	
60 B.	" "	·007	·009	·013	..	..	..	..	..	..	..	..	..	..	..	4,984	
60 C.	" "	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	6,132	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of													Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
	NEW SOUTH WALES, S.																
64 A.	Broad-leaved Tea Tree -	·006	·007	·008	·009	·010	·013	..	..	..	..	..	..	..	..	8,708	
64 B.	" " -	·003	·005	·006	·008	·009	·012	·017	..	..	..	..	..	..	..	9,240	Defective; by saw.
70 A.	Myrtle - - -	·004	·005	·007	·008	·010	·016	..	..	..	..	..	..	..	..	7,896	
70 B.	" - - -	·006	·008	·010	·012	·015	·019	..	..	..	..	..	..	..	..	8,680	
84 A.	Black Wattle of Illawarra.	·006	·008	·010	·012	·015	·018	..	..	..	..	..	..	..	..	8,736	
84 B.	" " -	·006	·008	·009	·011	·013	·018	..	..	..	..	..	..	..	..	8,176	
105 A.	River or White Oak -	·006	·008	·009	·010	·013	·016	·028	..	..	..	..	..	..	..	9,296	
105 B.	" " -	·006	·007	·009	·012	·016	..	..	..	..	..	..	..	..	..	7,280	
108 A.	Beech, Brush Cherry -	·006	·008	·011	·020	..	..	..	..	..	..	..	..	..	..	5,880	Defective?
108 B.	" " -	·007	·008	·011	·019	..	..	..	..	..	..	..	..	..	..	5,740	
120 A.	Teak Wood " - -	·006	·008	·013	..	..	..	..	..	..	..	..	..	..	..	4,816	
120 B.	" " - -	·005	·010	..	..	..	..	..	..	..	..	..	..	..	..	4,256	
125 A.	Maiden's Blush, Ladies' Blush.	·012	..	..	..	..	..	..	..	..	..	..	..	..	..	3,340	
125 B.	" " -	·007	·012	..	..	..	..	..	..	..	..	..	..	..	..	3,696	
125 C.	" " -	·006	·009	..	..	..	..	..	..	..	..	..	..	..	..	4,008	
125 D.	" " -	·008	·011	..	..	..	..	..	..	..	..	..	..	..	..	4,032	
127 A.	Tamarind Tree - -	·005	·006	·008	·010	..	..	..	..	..	..	..	..	..	..	6,468	
136 A.	White Maple - -	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
136 B.	" " - -	·010	·014	..	..	..	..	..	..	..	..	..	..	..	..	4,256	
136 C.	" " - -	·008	·013	..	..	..	..	..	..	..	..	..	..	..	..	4,340	
136 D.	" " - -	·006	·008	·013	..	..	..	..	..	..	..	..	..	..	..	4,704	
137 A.	- - - - -	·006	·009	·012	·017	..	..	..	..	..	..	..	..	..	..	6,468	
137 B.	- - - - -	·006	·008	·010	·013	·018	..	..	..	..	..	..	..	..	..	7,308	
139 A.	White Myrtle, Blue Ash, Ash.	·007	·014	..	..	..	..	..	..	..	..	..	..	..	..	3,472	
140 A.	Light Wood, Leather Jacket, Coach Wood.	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	..	5,152	
140 B.	" " -	·007	·010	·015	..	..	..	..	..	..	..	..	..	..	..	5,376	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
NEW SOUTH WALES, S.																	
154 A.	Red Ash, Leather Jacket, Cooper's Wood.	·009	·011	·014	·016	·018	·021	·028	..	..	..	..	..	..	..	8,960	
154 B.	" "	·008	·010	·012	·014	·018	..	..	..	..	..	..	..	..	..	7,504	
155 A.	- - -	·006	·008	·010	·017	..	..	..	..	..	..	..	..	..	..	5,912	
155 B.	- - -	·006	·008	·009	·012	..	..	..	..	..	..	..	..	..	..	6,048	
171 A.	White Beech, Beech	·016	..	..	..	..	..	..	..	..	..	..	..	..	..	3,304	
171 B.	" "	·008	·014	..	..	..	..	..	..	..	..	..	..	..	..	3,640	
171 C.	" "	·013	..	..	..	..	..	..	..	..	..	..	..	..	..	3,136	
171 D.	" "	·012	·018	..	..	..	..	..	..	..	..	..	..	..	..	4,116	
177 A.	Mountain Ash	·007	·009	·011	·014	..	..	..	..	..	..	..	..	..	..	6,272	Not square.
177 B.	" "	·006	·008	·010	·013	..	..	..	..	..	..	..	..	..	..	6,272	
177 C.	" "	·006	·008	·009	·011	·016	..	..	..	..	..	..	..	..	..	7,000	
177 D.	" "	·005	·007	·009	·013	..	..	..	..	..	..	..	..	..	..	6,160	
— A.	Spoke of a wheel	·004	·006	·008	·009	·011	·013	·016	·021	..	..	..	..	..	..	10,136	
NEW SOUTH WALES, HUNTER RIVER.																	
1 A.	Blue Gum	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiments.
3 A.	Grey Gum	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
5 A.	Iron Bark	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
5 B.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
6 B.	Mahogany	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7 A.	Tea Tree	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7 A*a*.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8 A.	Iron Bark	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8 B.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
9 A.	Blue Gum	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
9 A.	Pine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
QUEENSLAND.																	
4 A.	Cypress Pine	·006	·008	·016	..	..	..	..	..	..	..	..	..	..	..	4,816	
5 A.	She Pine	·008	·010	·016	..	..	..	..	..	..	..	..	..	..	..	4,732	
5 B.	"	·006	·009	·017	..	..	..	..	..	..	..	..	..	..	..	4,020	
5 A*a*.	"	·010	·014	·018	..	..	..	..	..	..	..	..	..	..	..	5,348	
5 A*b*.	"	·009	·012	·017	..	..	..	..	..	..	..	..	..	..	..	5,068	
6 A.	Forest Oak	·007	·008	·010	·011	·014	·017	..	..	..	..	..	..	..	..	8,624	
6 B.	" "	·006	·007	·009	·011	·014	..	..	..	..	..	..	..	..	..	7,504	
6 A*a*.	" "	·008	·010	·013	·020	..	..	..	..	..	..	..	..	..	..	5,880	Dry rot.
6 A*b*.	" "	·006	·008	·011	·013	·023	..	..	..	..	..	..	..	..	..	6,720	Dry rot.
7 A.	River Oak	·007	·009	·012	..	..	..	..	..	..	..	..	..	..	..	5,544	
8 A.	Shingle Oak	·007	·009	·013	..	..	..	..	..	..	..	..	..	..	..	5,227	
8 B.	" "	·007	·009	·016	..	..	..	..	..	..	..	..	..	..	..	4,816	Dry rot.
8 A*a*.	" "	·010	·013	..	..	..	..	..	..	..	..	..	..	..	..	4,340	
8 A*b*.	" "	·007	·010	..	..	..	..	..	..	..	..	..	..	..	..	4,032	Dry rot.
9 A.	Swamp Oak	·007	·009	·011	·014	·016	·018	·022	·027	..	..	..	..	..	..	11,116	
9 B.	" "	·006	·008	·009	·011	·013	·017	..	..	..	..	..	..	..	..	8,820	
10 A.	Red Cedar	·010	..	..	..	..	..	..	..	..	..	..	..	..	..	3,248	
10 B.	" "	·011	·021	..	..	..	..	..	..	..	..	..	..	..	..	3,696	
10 A*a*.	" "	·009	·014	..	..	..	..	..	..	..	..	..	..	..	..	3,724	
10 A*b*.	" "	·014	..	..	..	..	..	..	..	..	..	..	..	..	..	3,136	
11 A.	Light Yellow Wood	·007	·008	·011	..	..	..	..	..	..	..	..	..	..	..	5,301	
11 B.	" "	·009	·013	·016	..	..	..	..	..	..	..	..	..	..	..	5,292	
11 A*a*.	" "	·006	·008	·010	..	..	..	..	..	..	..	..	..	..	..	5,152	
11 A*b*.	" "	·007	·009	·010	..	..	..	..	..	..	..	..	..	..	..	5,488	
12 A.	Flindosa	·009	·011	·014	·016	·018	·026	..	..	..	..	..	..	..	..	7,840	
12 B.	"	·006	·007	·008	·009	·011	·014	..	..	..	..	..	..	..	..	8,652	
12 A*a*.	"	·005	·006	·008	·009	·010	·014	..	..	..	..	..	..	..	..	8,792	
12 A*b*.	"	·006	·008	·009	·010	·013	·015	..	..	..	..	..	..	..	..	8,876	
13 A.		·006	·008	·010	..	..	..	..	..	..	..	..	..	..	..	5,488	
13 B.		·006	·008	·012	..	..	..	..	..	..	..	..	..	..	..	5,432	
13 A*a*.		·006	·007	·009	·015	..	..	..	..	..	..	..	..	..	..	6,048	
13 A*b*.		·006	·007	·009	..	..	..	..	..	..	..	..	..	..	..	5,572	
14 A.		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
	QUEENSLAND.																
14 B.	- - - - -	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
15 A.	Silky Oak - -	·010	·014	·019	..	..	..	..	..	..	..	..	..	..	..	5,040	
15 B.	„ - - -	·009	·014	..	..	..	..	..	..	..	..	..	..	..	..	4,144	
15 A*a*.	„ - - -	·006	·007	·011	..	..	..	..	..	..	..	..	..	..	..	4,816	
15 A*b*.	„ - - -	·008	·012	..	..	..	..	..	..	..	..	..	..	..	..	3,920	
16 A.	Beef Wood - -	·007	..	..	..	..	..	..	..	..	..	..	..	..	..	3,276	
16 B.	„ „ - -	·008	·013	..	..	..	..	..	..	..	..	..	..	..	..	3,360	
16 A*a*.	„ „ - -	·015	..	..	..	..	..	..	..	..	..	..	..	..	..	3,220	
16 A*b*.	„ „ - -	·010	..	..	..	..	..	..	..	..	..	..	..	..	..	3,276	
17 A.	Tulip Tree - -	·007	·010	·012	·015	·019	..	..	..	..	..	..	..	..	..	7,392	
17 B.	„ „ - -	·006	·007	·009	·013	..	..	..	..	..	..	..	..	..	..	6,160	
17 A*a*.	„ „ - -	·008	·010	·013	·019	..	..	..	..	..	..	..	..	..	..	5,600	Symptoms of dry rot.
17 A*b*.	„ „ - -	·005	·006	·008	·010	·012	..	..	..	..	..	..	..	..	..	7,560	
18 A.	- - - -	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	
18 B.	- - - -	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	
19 A.	Light Wood - -	·006	·007	·008	·010	·014	..	..	..	..	..	..	..	..	..	7,252	
19 B.	„ „ - -	·007	·008	·010	·013	·017	..	..	..	..	..	..	..	..	..	7,196	
19 A*a*.	„ „ - -	·006	·008	·011	·014	..	..	..	..	..	..	..	..	..	..	6,664	
19 A*b*.	„ „ - -	·005	·007	·008	·010	·012	·015	..	..	..	..	..	..	..	..	8,848	
20 A.	Callhum - -	·004	·006	·007	·008	·009	·010	·012	·014	..	..	..	..	..	..	11,032	Good.
20 B.	„ - - -	·005	·006	·007	·008	·010	·011	·013	·014	·016	..	..	..	..	..	12,096	
20 A*a*.	„ - - -	·006	·008	·010	..	..	..	..	..	..	..	..	..	..	..	5,376	
20 A*b*.	„ - - -	·009	·011	·014	·018	..	..	..	..	..	..	..	..	..	..	6,048	
20 B*a*.	„ - - -	·006	·007	·009	..	..	..	..	..	..	..	..	..	..	..	5,516	
20 B*b*.	„ - - -	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	..	5,432	
21 A.	Cabbage Tree - -	·005	·007	·010	..	..	..	..	..	..	..	..	..	..	..	4,984	
21 B.	„ „ - -	·009	·014	·022	..	..	..	..	..	..	..	..	..	..	..	5,432	
23 A.	Mountain Ash - -	·007	·009	·013	·021	..	..	..	..	..	..	..	..	..	..	5,740	Dry rot.
23 B.	„ „ - -	·007	·008	·010	·012	·014	·018	..	..	..	..	..	..	..	..	8,400	
23 A*a*.	„ „ - -	·007	·010	·018	·025	·030	·039	..	..	..	..	..	..	..	..	8,708	Not square.
23 A*b*.	„ „ - -	·008	·010	·012	·014	·017	·026	..	..	..	..	..	..	..	..	8,213	
24 A.	Broad-leaved Cherry -	·007	·009	·012	·015	·018	·022	·025	·030	..	..	..	..	..	..	11,172	
24 B.	„ „ -	·005	·006	·008	·009	·011	·014	..	..	..	..	..	..	..	..	8,932	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of													Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.	
	QUEENSLAND.															
24 A*a*.	Broad-leaved Cherry	·005	·007	·008	·010	·012	·014	..	..	..	..	..	..	..	..	8,876	
24 A*b*.	„ „	·006	·007	·008	·010	·011	·015	·022	..	..	..	..	..	..	..	9,352	
25 A.	Cherry	·008	·010	·014	·022	..	..	..	..	..	..	..	..	..	..	5,908	
25 B.	„	·010	·015	·022	..	..	..	..	..	..	..	..	..	..	..	5,544	
25 A*a*.	„	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	..	5,292	
25 B*a*.	„	·007	·009	·013	..	..	..	..	..	..	..	..	..	..	..	5,124	
28 A.	Mangrove	·008	·012	..	..	..	..	..	..	..	..	..	..	..	..	4,368	
28 B.	„	·008	·011	·018	..	..	..	..	..	..	..	..	..	..	..	5,003	
28 A*a*.	„	·008	·013	..	..	..	..	..	..	..	..	..	..	..	..	4,144	Dry rot.
28 A*b*.	„	·008	·010	..	..	..	..	..	..	..	..	..	..	..	..	4,396	
29 A.	Lignum Vitæ	·008	·010	·013	·015	·018	..	..	..	..	..	..	..	..	..	7,803	
29 B.	„ „	·004	·005	·006	·008	·010	·016	..	..	..	..	..	..	..	..	8,204	
29 A*a*.	„ „	·005	·007	·009	·012	·015	..	..	..	..	..	..	..	..	..	7,728	
29 A*b*.	„ „	·006	·008	·010	·012	·015	..	..	..	..	..	..	..	..	..	7,616	
30 A.	Beech	·009	·013	..	..	..	..	..	..	..	..	..	..	..	..	4,256	
30 B.	„	·008	·010	·016	..	..	..	..	..	..	..	..	..	..	..	4,648	
30 A*a*.	„	·009	·012	·016	..	..	..	..	..	..	..	..	..	..	..	4,816	
30 A*b*.	„	·009	·014	·024	..	..	..	..	..	..	..	..	..	..	..	4,806	
31 A.	White Cedar	·007	·009	..	..	..	..	..	..	..	..	..	..	..	..	4,144	
31 B.	„ „	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	
31 A*a*.	„ „	·006	·008	·011	..	..	..	..	..	..	..	..	..	..	..	4,928	
31 A*b*.	„ „	·009	·112	·119	..	..	..	..	..	..	..	..	..	..	..	4,704	
32 A.	Plum Tree	·005	·006	·007	·009	·010	..	..	..	..	..	..	..	..	..	7,803	
32 B.	„	·004	·007	·008	·012	·022	..	..	..	..	..	..	..	..	..	6,888	
32 A*a*.	„	·006	·007	·009	·012	..	..	..	..	..	..	..	..	..	..	6,048	
32 A*b*.	„	·005	·007	·010	..	..	..	..	..	..	..	..	..	..	..	5,432	
33 A.	Rosewood	·008	·010	·013	·020	..	..	..	..	..	..	..	..	..	..	6,048	
33 B.	„	·006	·008	·010	·015	..	..	..	..	..	..	..	..	..	..	5,768	
33 A*a*.	„	·008	·010	·015	..	..	..	..	..	..	..	..	..	..	..	5,320	
33 A*b*.	„	·004	·006	·008	·013	..	..	..	..	..	..	..	..	..	..	5,861	
34 A.	Dark Yellow Wood	·006	·007	·009	·010	·012	·016	..	..	..	..	..	..	..	..	8,240	
34 B.	„ „	·007	·009	·011	·013	·015	·018	..	..	..	..	..	..	..	..	8,512	
35 A.	Cugerie	·005	·007	·008	·011	..	..	..	..	..	..	..	..	..	..	6,384	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
QUEENSLAND.																	
35 B.	Cugerie	·007	·010	·015	..	..	..	..	..	..	..	..	..	..	..	5,320	
35 A*a*.	"	·007	·008	·011	..	..	..	..	..	..	..	..	..	..	..	5,264	
35 A*b*.	"	·007	·009	·012	..	..	..	..	..	..	..	..	..	..	..	5,348	
36 A.		·005	·007	·008	·010	·011	·014	..	..	..	..	..	..	..	..	8,848	
36 B.		·014	·025	·038	·048	·058	..	..	..	..	..	..	..	..	..	7,336	Not square.
36 A*a*.		·005	·006	·008	·009	·011	·013	·018	..	..	..	..	..	..	..	9,744	
36 A*b*.		·004	·006	·007	·008	·010	·014	..	..	..	..	..	..	..	..	8,288	
37 A.		·018	..	..	..	..	..	..	..	..	..	..	..	..	..	2,576	
37 B.		·006	·007	·010	·016	..	..	..	..	..	..	..	..	..	..	5,936	
37 A*a*.		·006	..	..	..	..	..	..	..	..	..	..	..	..	..	2,408	
38 A.	Grey Plum	·008	·013	..	..	..	..	..	..	..	..	..	..	..	..	3,892	
38 B.	" "	·007	·009	..	..	..	..	..	..	..	..	..	..	..	..	4,424	
38 A*a*.	" "	·008	·010	·017	..	..	..	..	..	..	..	..	..	..	..	4,760	
38 A*b*.	" "	·017	·022	·030	..	..	..	..	..	..	..	..	..	..	..	5,040	
39 A.	Sassafras	·008	·012	·019	..	..	..	..	..	..	..	..	..	..	..	4,704	
39 B.	"	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	..	5,096	
39 A*a*.	"	·009	·014	..	..	..	..	..	..	..	..	..	..	..	..	4,284	
39 A*b*.	"	·010	·014	..	..	..	..	..	..	..	..	..	..	..	..	4,144	
40 A.		·018	·011	·014	·019	·027	..	..	..	..	..	..	..	..	..	6,972	
40 B.		·004	·006	·008	·010	·012	..	..	..	..	..	..	..	..	..	7,448	
40 A*a*.		·005	·006	·008	·009	·010	·013	·018	..	..	..	..	..	..	..	9,296	
40 A*b*.		·004	·006	·007	·009	·013	..	..	..	..	..	..	..	..	..	7,504	
41 A.		·007	·010	·015	·024	..	..	..	..	..	..	..	..	..	..	5,600	
41 B.		·005	·007	·010	·017	..	..	..	..	..	..	..	..	..	..	6,048	
43 A.	Tamarind Tree	·007	·012	..	..	..	..	..	..	..	..	..	..	..	..	3,920	
43 B.	" "	·008	·013	..	..	..	..	..	..	..	..	..	..	..	..	3,920	
43 A*a*.	" "	·006	·008	·012	..	..	..	..	..	..	..	..	..	..	..	4,928	
43 A*b*.	" "	·006	·008	·013	..	..	..	..	..	..	..	..	..	..	..	4,984	Dry rot.
44 A.	Tulip Wood	·006	·007	·008	·010	·012	·020	..	..	..	..	..	..	..	..	8,036	
44 B.	" "	·008	·010	·012	·014	·021	..	..	..	..	..	..	..	..	..	6,944	
44 A*a*.	" "	·006	·008	·009	·012	..	..	..	..	..	..	..	..	..	..	6,421	
44 A*b*.	" "	·002	·004	·005	·006	·008	·009	·014	..	..	..	..	..	..	..	9,221	
45 A.		·008	·010	·014	·020	..	..	..	..	..	..	..	..	..	..	6,328	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
QUEENSLAND.																	
45 B.	- - - -	·007	·009	·011	·014	..	..	..	..	..	..	..	..	..	..	6,552	
45 A*a*.	- - - -	·005	·007	·010	·012	..	..	..	..	..	..	..	..	..	..	6,720	
45 B*b*.	- - - -	·007	·009	·011	·014	·020	..	..	..	..	..	..	..	..	..	7,168	
46 A.	- - - -	·009	·011	·014	·021	..	..	..	..	..	..	..	..	..	..	5,992	
46 B.	- - - -	·007	·008	·010	·015	..	..	..	..	..	..	..	..	..	..	6,048	
46 A*a*.	- - - -	·008	·011	·014	·018	..	..	..	..	..	..	..	..	..	..	6,468	
46 B*b*.	- - - -	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	
47 A.	Lime - - -	·010	·014	·022	..	..	..	..	..	..	..	..	..	..	..	4,928	Dry rot.
47 B.	" - - -	·008	·009	·012	·016	..	..	..	..	..	..	..	..	..	..	6,384	
47 A*a*.	" - - -	·008	·010	·012	..	..	..	..	..	..	..	..	..	..	..	5,544	
47 A*b*.	" - - -	·006	·008	·010	·013	..	..	..	..	..	..	..	..	..	..	6,300	
48 A.	- - - -	·006	·007	·009	·011	·015	..	..	..	..	..	..	..	..	..	7,243	
48 B.	- - - -	·011	·016	·020	·026	·031	..	..	..	..	..	..	..	..	..	7,420	
48 A*a*.	- - - -	·006	·007	·008	·010	·013	·018	..	..	..	..	..	..	..	..	8,316	
48 A*b*.	- - - -	·005	·006	·008	·009	·010	·013	·017	..	..	..	..	..	..	..	9,520	
49 A.	- - - -	·006	·008	·010	·019	·021	..	..	..	..	..	..	..	..	..	7,392	
49 B.	- - - -	·006	·008	·012	·020	·102	..	..	..	..	..	..	..	..	..	7,392	
49 A*a*.	- - - -	·006	·008	·010	·013	·020	·190 about.		..	..	..	..	..	..	..	7,756	
49 A*b*.	- - - -	·004	·006	·008	·010	·021	..	..	..	..	..	..	..	..	..	7,280	
50 A.	- - - -	·010	·014	·018	..	..	..	..	..	..	..	..	..	..	..	5,376	Dry rot; shaky.
50 B.	- - - -	·008	·008	·010	·015	..	..	..	..	..	..	..	..	..	..	6,216	Dry rot.
50 A*a*.	- - - -	·007	·009	·011	..	..	..	..	..	..	..	..	..	..	..	5,600	Dry rot.
51 A*b*.	- - - -	·010	·014	·019	·028	..	..	..	..	..	..	..	..	..	..	5,656	Dry rot.
51 A.	- - - -	·005	·007	·008	·012	..	..	..	..	..	..	..	..	..	..	6,020	Dry rot.
51 B.	- - - -	·007	·009	·014	..	..	..	..	..	..	..	..	..	..	..	4,844	Little dry rot.
52 A.	- - - -	·005	·007	·010	..	..	..	..	..	..	..	..	..	..	..	5,544	
52 B.	- - - -	·008	·010	·018	..	..	..	..	..	..	..	..	..	..	..	4,928	
52 A*a*.	- - - -	·006	·007	·009	·016	..	..	..	..	..	..	..	..	..	..	5,880	
52 A*b*.	- - - -	·004	·006	·008	·012	..	..	..	..	..	..	..	..	..	..	6,328	
53 A.	- - - -	·006	·007	·009	·011	·016	..	..	..	..	..	..	..	..	..	7,252	
53 B.	- - - -	·007	·008	·010	·013	·018	..	..	..	..	..	..	..	..	..	7,056	
53 A*a*.	- - - -	·007	·008	·010	·013	..	..	..	..	..	..	..	..	..	..	6,496	
53 A*b*.	- - - -	·007	·009	·012	·018	..	..	..	..	..	..	..	..	..	..	5,880	

TABLE. IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
QUEENSLAND.																	
54 A.	- - - -	·007	·009	·010	·014	..	..	..	..	..	..	..	..	..	..	6,384	
54 B.	- - - -	·006	·008	·011	..	..	..	..	..	..	..	..	..	..	..	5,320	
54 A*a*.	- - - -	·006	·008	·010	·012	·017	..	..	..	..	..	..	..	..	..	6,860	
54 A*b*.	- - - -	·004	·006	·007	·009	·012	..	..	..	..	..	..	..	..	..	7,392	
55 A.	- - - -	·006	·008	·011	·015	..	..	..	..	..	..	..	..	..	..	6,384	
55 B.	- - - -	·006	·007	·009	·011	·018	..	..	..	..	..	..	..	..	..	7,056	
55 A*a*.	- - - -	·008	·012	·014	·020	..	..	..	..	..	..	..	..	..	..	6,020	
55 A*b*.	- - - -	·006	·009	·012	·020	..	..	..	..	..	..	..	..	..	..	5,880	
56 A.	- - - -	·010	·017	..	..	..	..	..	..	..	..	..	..	..	..	3,752	
56 B.	- - - -	·006	·008	·015	..	..	..	..	..	..	..	..	..	..	..	4,480	
56 A*a*.	- - - -	·005	·007	·008	·015	..	..	..	..	..	..	..	..	..	..	5,600	
56 A*b*.	- - - -	·007	·009	..	..	..	..	..	..	..	..	..	..	..	..	4,256	
57 A.	Ironwood - - -	·009	·013	·016	·021	·026	..	..	..	..	..	..	..	..	..	7,374	
57 B.	,, - - -	·002	·003	·004	·006	·007	·009	·012	..	..	..	..	..	..	..	9,893	
58 A.	Myrtle - - -	·004	·006	·008	·009	·012	·024	..	..	..	..	..	..	..	..	7,868	
58 B.	- - - -	·006	·007	·009	·010	·013	·017	..	..	..	..	..	..	..	..	8,288	
58 A*a*.	- - - -	·006	·007	·009	·010	·014	·019	..	..	..	..	..	..	..	..	8,036	
59 A.	- - - -	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	6,459	
59 B.	- - - -	·008	·011	·014	·024	..	..	..	..	..	..	..	..	..	..	5,936	
59 A*a*.	- - - -	·004	·006	·008	·016	..	..	..	..	..	..	..	..	..	..	5,824	
59 A*b*.	- - - -	·010	·014	·021	..	..	..	..	..	..	..	..	..	..	..	4,928	
60 A.	- - - -	·004	·006	·008	·011	..	..	..	..	..	..	..	..	..	..	6,524	
60 B.	- - - -	·007	·009	·014	·027	..	..	..	..	..	..	..	..	..	..	6,188	
60 A*a*.	- - - -	·008	·010	·012	·015	..	..	..	..	..	..	..	..	..	..	6,608	
61 A.	N. O. Myrtaceæ -	·012	·014	·016	·018	·021	·026	..	..	..	..	..	..	..	..	8,568	
61 B.	- - - -																
61 A*a*.	- - - -	·009	·012	·015	·018	·021	·028	..	..	..	..	..	..	..	..	8,764	
61 A*b*.	- - - -	·005	·006	·008	·009	·011	·014	·021	..	..	..	..	..	..	..	9,352	
62 A.	Box - - -	·008	·012	·042	..	..	..	..	..	..	..	..	..	..	..	4,492	
62 B.	,, - - -	·008	·012	·021	..	..	..	..	..	..	..	..	..	..	..	4,984	
62 A*a*.	,, - - -	·014	·018	..	..	..	..	..	..	..	..	..	..	..	..	3,360	Defective ; worm-hole.
62 A*b*.	,, - - -	·006	·008	·011	·023	..	..	..	..	..	..	..	..	..	..	5,768	
63 A.	Black Iron Bark -	·004	·005	·007	·008	·009	·012	·017	..	..	..	..	..	..	..	9,072	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
	QUEENSLAND.																
63 B.	Black Iron Bark	·007	·009	·012	·015	·018	·022	..	..	..	..	..	..	..	..	8,680	
63 A*a*.	„ „ „	·006	·008	·009	·010	·013	·015	·018	..	..	..	..	..	..	..	9,632	
63 A*b*.	„ „ „	·005	·006	·008	·009	·011	·014	·017	..	..	..	..	..	..	..	9,660	
64 A.	Grey Iron Bark	·006	·007	·009	·010	·012	·014	·018	..	..	..	..	..	..	..	9,464	
64 B.	„ „ „	·005	·006	·007	·008	·010	·012	·014	..	..	..	..	..	..	..	9,688	
64 A*a*.	„ „ „	·006	·007	·009	·011	·015	·020	..	..	..	..	..	..	..	..	8,932	
64 A*b*.	„ „ „	·004	·005	·007	·008	·010	·013	·023	..	..	..	..	..	..	..	8,988	
65 A.	Red Iron Bark	·006	·008	·009	·010	·012	·014	·080	..	..	..	..	..	..	..	9,296	
65 B.	„ „ „	·005	·006	·008	·009	·010	·013	·017	..	..	..	..	..	..	..	9,576	
65 A*a*.	„ „ „	·004	·006	·007	·008	·010	·013	·021	..	..	..	..	..	..	..	9,184	
65 A*b*.	„ „ „	·004	·006	·007	·009	·010	·013	·019	..	..	..	..	..	..	..	9,184	
66 A.	Stringy Bark	·007	·009	·011	·013	·016	·023	..	..	..	..	..	..	..	..	7,924	
66 B.	„ „	·005	·007	·008	·010	·012	·014	..	..	..	..	..	..	..	..	8,428	
66 A*a*.	„ „	·004	·006	·007	·009	·011	·015	..	..	..	..	..	..	..	..	8,344	
66 A*b*.	„ „	·006	·008	·009	·011	·013	·018	..	..	..	..	..	..	..	..	8,316	
67 A.	Spotted Gum	·005	·006	·008	·009	·010	·013	·018	..	..	..	..	..	..	..	9,632	
67 B.	„ „	·004	·006	·007	·008	·009	·010	·013	·019	..	..	..	..	..	..	10,556	
67 A*a*.	„ „	·007	·010	·016	·019	·024	·028	..	..	..	..	..	..	..	..	8,512	
67 A*b*.	„ „	·006	·007	·009	·012	·015	·018	·023	..	..	..	..	..	..	..	9,828	
68 A.	Turpentine Tree	·005	·006	·007	·008	·010	·012	·020	..	..	..	..	..	..	..	9,240	
68 B.	„ „	·007	·009	·011	·013	·016	·021	..	..	..	..	..	..	..	..	8,372	
68 A*a*.	„ „	·007	·010	·016	·024	·042	·052	..	..	..	..	..	..	..	..	8,344	
68 A*b*.	„ „	·005	·006	·008	·009	·010	·013	·017	..	..	..	..	..	..	..	9,296	
69 A.	Smooth-barked Gum	·007	·009	·011	·016	..	..	..	..	..	..	..	..	..	..	5,936	
69 B.	„ „ „	·008	·010	·013	·016	..	..	..	..	..	..	..	..	..	..	6,440	
69 A*a*.	„ „ „	·007	·009	·012	·020	..	..	..	..	..	..	..	..	..	..	6,524	
69 A*b*.	„ „ „	·007	·010	·034	..	..	..	..	..	..	..	..	..	..	..	5,264	
70 A.	Blood Wood	·008	·011	·016	..	..	..	..	..	..	..	..	..	..	..	5,572	
70 B.	„	·008	·012	..	..	..	..	..	..	..	..	..	..	..	..	4,172	
70 A*a*.	„	·008	·010	·014	·024	..	..	..	..	..	..	..	..	..	..	5,992	
70 A*b*.	„	·006	·008	·010	·026	..	..	..	..	..	..	..	..	..	..	5,684	
71 A.	Swamp Mahogany	·005	·007	·008	·009	·011	·013	·015	·017	..	..	..	..	..	..	11,144	
71 B.	„ „	·006	·007	·009	·010	·012	·014	·016	·018	..	..	..	..	..	..	10,500	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of													Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7.840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,220.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.	
QUEENSLAND.																
71 A*a*.	Swamp Mahogany -	·005	·007	·008	·010	·012	·014	·016	·019	..	..	..	..	..	..	10,612	
72 A.	Woolly Butt - -	·005	·006	·008	·009	·010	·012	·015	..	..	..	..	..	..	..	9,800	
72 B.	" " - -	·006	·010	·012	·014	·016	·019	·022	·028	..	..	..	..	..	..	10,528	
72 A*a*.	" " - -	·006	·008	·009	·010	·012	·014	·020	..	..	..	..	..	..	..	9,408	
72 A*b*.	" " - -	·010	·014	·016	·018	·022	·026	·030	..	..	..	..	..	..	..	10,024	
73 A.	Blue Gum - -	·006	·008	·010	·013	·019	..	..	..	..	..	..	..	..	..	7,056	
73 B.	" - - -	·006	·007	·008	·010	·012	..	..	..	..	..	..	..	..	..	7,784	
73 A*a*.	" - - -	·004	·006	·007	·009	·012	·017	..	..	..	..	..	..	..	..	8,344	
73 A*b*.	" - - -	·007	·009	·010	·012	·014	..	..	..	..	..	..	..	..	..	7,728	
76 A.	Prickly-leaved Tea Tree	·006	·009	·017	..	..	..	..	..	..	..	..	..	..	..	4,928	
76 B.	" " -	·009	·015	..	..	..	..	..	..	..	..	..	..	..	..	4,032	
76 A*a*.	" " -	·007	·010	·016	..	..	..	..	..	..	..	..	..	..	..	4,984	
76 A*b*.	" " -	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	..	5,124	
77 A.	Broad-leaved Tea Tree -	·006	·008	·010	..	..	..	..	..	..	..	..	..	..	..	5,488	
77 B.	" " -	·008	·012	·019	..	..	..	..	..	..	..	..	..	..	..	5,292	
79 A.	Common Tea Tree -	·007	·010	·012	·018	..	..	..	..	..	..	..	..	..	..	6,160	
79 B.	" " -	·012	·016	·020	·028	..	..	..	..	..	..	..	..	..	..	6,104	
79 A*a*.	" " -	·004	·011	·014	·018	..	..	..	..	..	..	..	..	..	..	6,440	
79 A*b*.	" " -	·006	·008	·011	·016	..	..	..	..	..	..	..	..	..	..	6,188	
80 A.	Bottle Brush Tree -	·006	·008	·011	·022	..	..	..	..	..	..	..	..	..	..	5,880	
80 B.	" " -	·006	·009	·014	..	..	..	..	..	..	..	..	..	..	..	5,488	
80 A*a*.	" " -	·008	·011	·015	·024	..	..	..	..	..	..	..	..	..	..	6,160	
80 A*b*.	" " -	·007	·009	·013	·022	..	..	..	..	..	..	..	..	..	..	6,048	
81 A.	- - - -	·004	·006	·008	·009	·013	..	..	..	..	..	..	..	..	..	7,336	Dry rot.
81 B.	- - - -	·007	·008	·010	·012	·016	..	..	..	..	..	..	..	..	..	7,728	Do.
81 A*a*.	- - - -	·008	·010	·014	·017	·024	..	..	..	..	..	..	..	..	..	7,140	Large symptoms of dry rot.
81 A*b*.	- - - -	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	6,608	Dry rot.
83 A.	- - - -	·005	·007	·010	..	..	..	..	..	..	..	..	..	..	..	5,040	Do.
83 B.	- - - -	·007	·009	·012	..	..	..	..	..	..	..	..	..	..	..	5,376	Do.
83 A*a*.	- - - -	·008	·010	·014	·018	..	..	..	..	..	..	..	..	..	..	6,216	
83 A*b*.	- - - -	·013	·018	·023	..	..	..	..	..	..	..	..	..	..	..	5,336	
84 A.	Satin Wood - -	·006	·007	·008	·010	..	..	..	..	..	..	..	..	..	..	6,328	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of													Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.	
QUEENSLAND.																
84 B.	Satin Wood	·005	·006	·008	·009	·012	..	..	..	..	..	..	..	..	..	7,280	
84 A*a*.		·006	·008	·010	·016	..	..	..	..	..	..	..	..	..	..	5,824	
84 A*b*.		·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	6,132	Symptoms of dry rot.
86 A.		·007	·010	·014	..	..	..	..	..	..	..	..	..	..	..	4,984	Dry rot.
86 B.		..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	
87 A.	Leichhardt's Wood	·008	·014	..	..	..	..	..	..	..	..	..	..	..	..	3,752	Dry rot.
87 B.	" "	·009	·014	..	..	..	..	..	..	..	..	..	..	..	..	3,752	Do.
88 A.		·006	·008	·010	·012	·016	..	..	..	..	..	..	..	..	..	7,616	
88 B.		·005	·006	·008	·009	·010	·013	..	..	..	..	..	..	..	..	8,540	
88 A*a*.		·004	·006	·007	·008	·010	·020	..	..	..	..	..	..	..	..	8,064	
88 A*b*.		·007	·008	·010	·012	·014	·023	..	..	..	..	..	..	..	..	8,008	
89 A.		·009	·013	·018	·030	..	..	..	..	..	..	..	..	..	..	5,880	
89 B.		·006	·007	·010	·016	..	..	..	..	..	..	..	..	..	..	5,852	Dry rot.
90 A.	N. O. Pittisporacæ	·007	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	6,496	
90 B.		·006	·008	·010	·018	·090	..	..	..	..	..	..	..	..	..	6,776	
91 A.	Crab Tree	·005	·007	·008	·010	·012	·015	·024	..	..	..	..	..	..	..	9,380	
91 B.	"	·006	·008	·010	·011	·014	·017	·042	..	..	..	..	..	..	..	9,744	
92 A.		·009	·017	..	..	..	..	..	..	..	..	..	..	..	..	3,920	
92 B.		..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	
92 A*a*.		..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	
92 A*b*.		..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	
92 B*a*.		·016	..	..	..	..	..	..	..	..	..	..	..	..	..	3,220	
92 B*b*.		..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	
93 A.		·006	·008	·010	..	..	..	..	..	..	..	..	..	..	..	5,292	Little dry rot.
93 B.		·007	·009	·013	..	..	..	..	..	..	..	..	..	..	..	5,012	
93 A*a*.		·009	·011	·014	·019	..	..	..	..	..	..	..	..	..	..	5,992	
93 A*b*.		·007	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	6,384	Dry rot.
94 A.	Silver Tree	·004	·006	·008	·010	·013	·021	..	..	..	..	..	..	..	..	7,868	
94 B.		..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	
95 A.		..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	
95 B.		..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	No experiments.
97 A.		·005	·007	·008	·010	·012	·017	..	..	..	..	..	..	..	..	8,064	
97 B.		·004	·006	·008	·110	·012	·019	..	..	..	..	..	..	..	..	7,840	

TABLE IV.—*continued*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,220.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
	QUEENSLAND.																
99 A.	Bean Tree	·008	..	..	..	..	..	..	..	..	..	..	..	..	..	3,304	Dry rot.
99 B.	" "	·008	..	..	..	..	..	..	..	..	..	..	..	..	..	3,332	Dry rot.
99 A*a*.	" "	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	..	5,544	
99 A*b*.	" "	·007	·010	·013	..	..	..	..	..	..	..	..	..	..	..	5,040	
100		..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	
100 A*a*.		..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	
100 A*b*.		·006	·007	·009	·013	..	..	..	..	..	..	..	..	..	..	5,880	
101		..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	
102 A.		·008	·011	·019	..	..	..	..	..	..	..	..	..	..	..	4,480	
102 B.		·010	..	..	..	..	..	..	..	..	..	..	..	..	..	3,304	
102 A*a*.		·012	·018	..	..	..	..	..	..	..	..	..	..	..	..	3,584	
102 A*b*.		·013	..	..	..	..	..	..	..	..	..	..	..	..	..	3,304	
104 A.		·008	·010	·014	·023	..	..	..	..	..	..	..	..	..	..	6,580	
104 B.		·007	·009	·012	·016	·028	..	..	..	..	..	..	..	..	..	7,616	
104 A*a*.		·005	·007	·010	·015	..	..	..	..	..	..	..	..	..	..	6,356	
104 A*b*.		·006	·008	·009	·012	·029	..	..	..	..	..	..	..	..	..	7,784	
105 A.		·009	·012	·016	..	..	..	..	..	..	..	..	..	..	..	5,432	Dry rot.
105 B.		·008	·011	·016	..	..	..	..	..	..	..	..	..	..	..	5,336	Dry rot.
105 A*a*.		·005	·007	·012	..	..	..	..	..	..	..	..	..	..	..	5,152	Little dry rot.
105 A*b*.		·007	·009	·013	·036	..	..	..	..	..	..	..	..	..	..	5,656	
106 A.		·010	·015	·020	·026	..	..	..	..	..	..	..	..	..	..	6,384	Dry rot.
106 B.		·005	·007	·009	·014	..	..	..	..	..	..	..	..	..	..	6,356	
106 A*a*.		·008	·011	·015	·018	·023	..	..	..	..	..	..	..	..	..	7,616	
106 A*b*.		·006	·008	·010	·012	·016	..	..	..	..	..	..	..	..	..	7,280	Dry rot.
106 B*a*.		·004	·006	·007	·008	·010	·014	..	..	..	..	..	..	..	..	8,288	
106 B*b*.		·006	·008	·010	·014	·020	..	..	..	..	..	..	..	..	..	7,196	
106 C*a*.		·006	·008	·009	·011	·013	·018	..	..	..	..	..	..	..	..	7,952	
106 C*b*.		·004	·006	·008	·009	·012	..	..	..	..	..	..	..	..	..	7,728	
108 A.		·006	·008	·010	·013	·016	..	..	..	..	..	..	..	..	..	7,532	
108 B.		·008	·009	·011	·014	·017	..	..	..	..	..	..	..	..	..	7,784	
108 A*a*.		·006	·008	·010	·013	·017	..	..	..	..	..	..	..	..	..	7,644	
108 A*b*.		·007	·011	·020	·028	·041	..	..	..	..	..	..	..	..	..	7,224	
109 A.	Olive Tree	·006	·008	·009	·011	·014	·021	..	..	..	..	..	..	..	..	8,036	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of													Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.	
QUEENSLAND.																
109 B.	" "	·005	·006	·008	·009	·011	·014	·017	..	..	..	..	..	..	..	9,632	
109 A*a*.	" "	·006	·008	·010	·011	·014	·017	..	..	..	..	..	..	..	..	8,624	
109 A*b*.	" "	·004	·005	·006	·008	·009	·013	..	..	..	..	..	..	..	..	8,568	
110 A.	- -	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	
110 B.	- -	·008	·010	·012	·014	·016	·020	..	..	..	..	..	..	..	..	8,848	Dry rot.
110 A*a*.	- -	·006	·009	·012	·015	·020	·028	..	..	..	..	..	..	..	..	8,512	Symptoms of dry rot.
110 A*b*.	- -	·009	·013	·016	·020	·025	..	..	..	..	..	..	..	..	..	7,616	Dry rot.
111 A.	- -	·005	·006	·008	·009	·011	·015	..	..	..	..	..	..	..	..	8,596	Do.
111 B.	- -	·008	·010	·012	·014	·016	·020	..	..	..	..	..	..	..	..	8,204	
111 A*a*.	- -	·005	·006	·008	·010	·012	·022	..	..	..	..	..	..	..	..	7,952	Dry rot.
111 A*b*.	- -	·004	·006	·007	·008	·010	..	..	..	..	..	..	..	..	..	7,728	
112 A*a*.	- -	·008	·010	·013	..	..	..	..	..	..	..	..	..	..	..	5,488	Dry rot.
112 A*b*.	- -	·008	·011	·016	..	..	..	..	..	..	..	..	..	..	..	5,152	Do.
113 A.	Mangrove -	·007	·008	·010	·014	·036	..	..	..	..	..	..	..	..	..	6,720	
113 B.	" -	·012	·016	·020	·026	..	..	..	..	..	..	..	..	..	..	6,384	
113 A*a*.	" -	·011	·015	·020	·025	·035	..	..	..	..	..	..	..	..	..	7,056	
113 A*b*.	" -	·008	·010	·012	·015	·022	..	..	..	..	..	..	..	..	..	7,028	
114 A.	- -	·007	·010	·016	..	..	..	..	..	..	..	..	..	..	..	4,816	Dry rot.
114 B.	- -	·006	·008	·012	..	..	..	..	..	..	..	..	..	..	..	5,544	
115 A.	- -	·004	·005	·006	·007	·009	·010	·011	·012	·014	·016	..	..	..	..	12,768	
115 B.	- -	·004	·006	·007	·008	·009	·010	·012	·014	..	..	..	..	..	..	11,200	
116 A.	- -	·007	·009	·013	..	..	..	..	..	..	..	..	..	..	..	5,208	
116 B.	- -	·006	·008	·013	..	..	..	..	..	..	..	..	..	..	..	4,928	
117 A.	Rosewood -	·005	·006	·007	·008	·010	·012	·014	..	..	..	..	..	..	..	9,912	
117 B.	" -	·004	·006	·007	·008	·0085	·009	·010	·012	·016	..	..	..	..	..	11,368	
117 A*a*.	" -	·006	·007	·008	·009	·011	·013	..	..	..	..	..	..	..	..	8,932	
117 A*b*.	" -	·005	·007	·008	·010	·012	·015	·020	..	..	..	..	..	..	..	9,744	
118 A.	- -	·006	·009	..	..	..	..	..	..	..	..	..	..	..	..	4,340	
118 B.	- -	·007	·010	..	..	..	..	..	..	..	..	..	..	..	..	4,200	
118 A*a*.	- -	·006	·008	·009	·012	..	..	..	..	..	..	..	..	..	..	6,608	
118 A*b*.	- -	·008	·010	·013	·016	..	..	..	..	..	..	..	..	..	..	6,384	
120 A.	- -	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	
120 B.	- -	·006	·007	·009	·010	·012	·014	·016	·020	·028	..	..	..	..	..	12,096	Good.

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
QUEENSLAND.																	
121 A.	Weeping Myall	·004	·006	·007	·008	·009	·010	·012	·014	·016	·020	..	..	..	..	13,048	
121 B.	" "	·006	·008	·009	·011	·013	·015	·017	·020	·024	·029	..	..	..	..	12,796	
121 AG.	" "	·006	·007	·008	·009	·010	·012	·013	·014	·016	·017	·023	..	..	..	13,440	
121 AD.	" "	·005	·007	·008	·009	·010	·012	·014	·015	·016	·018	..	..	..	..	13,412	
122 A.	Bricklow	·006	·008	·009	·011	·013	.018	·020	..	..	..	..	..	..	..	9,893	Not square.
122 B.	"	·004	·005	·007	·008	·009	·010	·012	·015	..	..	..	..	..	..	10,864	
122 AG.	"	·005	·006	·008	·009	·010	·011	·012	·013	·014	·016	..	..	..	..	13,104	
122 AD.	"	·005	·006	·007	·008	·010	·011	·013	·015	·018	..	..	..	..	..	11,900	
123 A.	-	·004	·006	·007	·008	·010	·014	..	..	..	..	..	..	..	..	8,521	
123 B.	-	·005	·006	·008	·009	·011	·015	..	..	..	..	..	..	..	..	8,512	
RUSSIA.																	
1 A.	Riga Fir	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1 B.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1 C.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1 D.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2 A.	Larch	·006	·008	·012	·020	..	..	..	..	..	..	..	..	..	..	5,992	
3 A.	"	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	6,244	
4 A.	"	·005	·007	·009	·016	..	..	..	..	..	..	..	..	..	..	6,160	
4 B.	"	·005	·007	·008	·012	..	..	..	..	..	..	..	..	..	..	6,272	
5 A.	"	·006	·007	·009	·012	..	..	..	..	..	..	..	..	..	..	6,384	
5 B.	"	·005	·007	·008	·012	..	..	..	..	..	..	..	..	..	..	6,309	
6 A.	Riga Oak	·007	·009	·016	..	..	..	..	..	..	..	..	..	..	..	4,900	
6 B.	"	·006	·009	·016	..	..	..	..	..	..	..	..	..	..	..	4,788	
6 C.	"	·006	·008	·012	..	..	..	..	..	..	..	..	..	..	..	5,280	
6 D.	"	·008	·010	..	..	..	..	..	..	..	..	..	..	..	..	4,480	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of													Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
TASMANIA.																	
8 A.	Black Wood	·005	·006	·008	·009	·011	·015	..	..	..	..	..	..	..	..	8,792	
8 B.	" "	·004	·005	·006	·007	·008	·010	·011	·014	·017	..	..	..	..	..	12,040	
8 C.	" "	·006	·008	·009	·011	·014	·016	·020	..	..	..	..	..	..	..	9,893	
8 D.	" "	·004	·006	·007	·008	·009	·011	·013	..	..	..	..	..	..	..	9,968	
8 A*a*.	" "	·004	·005	·006	·008	·009	·010	·012	·014	..	..	..	..	..	..	10,920	
8 A*b*.	" "	·003	·004	·006	·007	·008	·010	·013	·021	..	..	..	..	..	..	10,155	
8 B*a*.	" "	·005	·007	·008	·011	·016	..	..	..	..	..	..	..	..	..	7,112	
8 B*b*.	" "	·005	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	7,392	
8 B*c*.	" "	·004	·005	·006	·007	·009	·014	..	..	..	..	..	..	..	..	7,952	
8 C*a*.	" "	·005	·007	·008	·010	·012	·016	..	..	..	..	..	..	..	..	8,437	
8 C*b*.	" "	·004	·006	·007	·009	·011	·014	·017	..	..	..	..	..	..	..	9,968	
8 C*c*.	" "	·006	·007	·009	·012	·015	·026	..	..	..	..	..	..	..	..	7,840	
8 C*d*.	" "	·004	·006	·007	·008	·010	·014	..	..	..	..	..	..	..	..	8,475	
67 A.B.C.	Sassafras	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiment.
75 A.	Pittosporum, or Waddy Wood.	·003	·005	·006	·008	·009	..	..	..	..	..	..	..	..	..	7,728	
75 B.	" "	·004	·006	·008	·009	·015	..	..	..	..	..	..	..	..	..	7,093	
75 C.	" "	·007	·012	·017	·022	..	..	..	..	..	..	..	..	..	..	6,384	
75 A*a*.	" "	·004	·005	·006	·008	·009	·012	..	..	..	..	..	..	..	..	8,587	
75 A*b*.	" "	·008	·010	·013	·016	·018	·021	..	..	..	..	..	..	..	..	8,960	Not quite square.
75 A*c*.	" "	·004	·006	·007	·009	·014	..	..	..	..	..	..	..	..	..	7,467	
76 A.	Black Wattle	·006	·008	·009	·012	·016	..	..	..	..	..	..	..	..	..	7,131	
76 B.	" "	·007	·008	·010	·016	..	..	..	..	..	..	..	..	..	..	6,384	
76 C.	" "	·005	·006	·008	·010	·013	..	..	..	..	..	..	..	..	..	7,812	
76 D.	" "	·007	·010	..	..	..	..	..	..	..	..	..	..	..	..	4,368	
85 A.	Peppermint	·008	·010	·013	·016	·020	·024	..	..	..	..	..	..	..	..	8,437	
85 B.	"	·006	·007	·009	·010	·013	·018	..	..	..	..	..	..	..	..	7,952	
85 C.	"	·005	·006	·008	·009	·012	·015	..	..	..	..	..	..	..	..	8,064	
93 A.	Myrtle	·005	·007	·009	..	..	..	..	..	..	..	..	..	..	..	5,488	
93 B.	"	·004	·006	·007	·010	..	..	..	..	..	..	..	..	..	..	6,608	
93 C.	"	·005	·007	·008	·011	..	..	..	..	..	..	..	..	..	..	6,524	
93 D.	"	·006	·007	·009	·012	..	..	..	..	..	..	..	..	..	..	6,496	
97 A.	White Gum	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	..	5,544	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of													Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600	lbs. 6,700.	lbs. 7,840	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.	
TASMANIA.																
97 B.	White Gum	·005	·006	·008	·010	..	..	..	..	..	..	..	..	..	..	6,645	
97 C.	„ „	·006	·008	·011	..	..	..	..	..	..	..	..	..	..	..	5,572	
97 D.	„ „	·005	·007	·009	·014	..	..	..	..	..	..	..	..	..	..	5,824	
102 A. B. C. D.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiments.
116 A.	Blue Gum	·006	·008	·010	·012	..	..	..	..	..	..	..	..	..	..	6,608	
116 B.	„ „	·007	·009	·012	·016	..	..	..	..	..	..	..	..	..	..	6,580	
116 C.	„ „	·005	·007	·008	·010	·012	·020	..	..	..	..	..	..	..	..	7,952	
116 D	„ „	·006	·007	·009	·011	·016	..	..	..	..	..	..	..	..	..	7,448	
367 A.	Iron Wood	·005	·007	·008	·010	·013	·018	..	..	..	..	..	..	..	..	8,363	
367 B.	„ „	·004	·005	·006	·008	·009	·012	..	..	..	..	..	..	..	..	8,820	
367 C.	„ „	·005	·007	·008	·010	·012	·016	..	..	..	..	..	..	..	..	8,736	
367 D.	„ „	·006	·007	·009	·010	·014	·020	..	..	..	..	..	..	..	..	8,288	
369 A.	Tea Tree	·004	·005	·006	·008	·010	..	..	..	..	..	..	..	..	..	7,756	
369 B.	„	·006	·008	·009	·011	·013	..	..	..	..	..	..	..	..	..	7,765	
369 C	„	·006	·008	·010	·013	·015	·019	..	..	..	..	..	..	..	..	8,512	
369 D.	„	·006	·008	·009	·011	·014	·017	..	..	..	..	..	..	..	..	8,092	Decayed knot hole across one corner.
371 A.	Stringy Bark	·004	·006	·007	·008	·010	·011	·013	·016	..	..	..	..	..	..	10,640	
371 B.	„ „	·004	·006	·007	·008	·009	·010	·013	·016	..	..	..	..	..	..	10,108	
371 C.	„ „	·003	·004	·006	·007	·008	·009	·010	·012	..	..	..	..	..	..	11,172	
371 D.	„ „	·004	·006	·007	·008	·009	·010	·013	·016	..	..	..	..	..	..	10,528	
372 A.	Blue Gum	·005	·006	·008	·009	·010	·013	·016	..	..	..	..	..	..	..	9,408	
372 B.	„	·004	·005	·007	·008	·010	..	..	..	..	..	..	..	..	..	7,728	Damaged in cutting out.
372 C.	„	·005	·006	·007	·008	·010	·013	..	..	..	..	..	..	..	..	8,661	
372 D.	„	·005	·006	·008	·009	·011	·014	..	..	..	..	..	..	..	..	8,512	
373 A.	Stringy Bark	·006	·007	·008	·009	·011	·014	..	..	..	..	..	..	..	..	8,400	
373 B.	„ „	·004	·006	·007	·008	·009	·012	..	..	..	..	..	..	..	..	8,764	
373 C.	„ „	·005	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	7,616	
373 D.	„ „	·004	·005	·006	·007	·008	·010	·014	..	..	..	..	..	..	..	9,240	
373 Aα.	„ „	·007	·010	·013	·016	·022	..	..	..	..	..	..	..	..	..	7,728	Not quite square.
373 Aβ.	„ „	·004	·005	·007	·008	·010	..	..	..	..	..	..	..	..	..	7,784	
373 Aε.	„ „	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
TASMANIA.																	
373 *Ad.*	Stringy Bark	·006	·007	·009	·011	..	..	..	..	..	..	..	..	..	..	6,552	
373 *Ca.*	" "	·005	·006	·008	·009	·010	·012	·015	..	..	..	..	..	..	..	9,948	
373 *Cb.*	" "	·002	·003	·004	·006	·008	·011	..	..	..	..	..	..	..	..	7,840	Split.
373 *Cc.*	" "	·004	·006	·007	·008	·010	·015	..	..	..	..	..	..	..	..	8,363	
374 A.	Blue Gum	·004	·006	·007	·009	·011	·014	·020	..	..	..	..	..	..	..	8,960	
374 B.	"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	
374 C.	"	·006	·008	·010	·013	·018	..	..	..	..	..	..	..	..	..	7,000	
374 D.	"	·006	·008	·009	·012	..	..	..	..	..	..	..	..	..	..	6,664	
558 A.	"	·004	·006	·007	·008	·010	·012	·015	..	..	..	..	..	..	..	9,445	
558 B.	"	·005	·006	·007	·009	·010	·012	·014	·017	..	..	..	..	..	..	10,780	
558 C.	"	·003	·004	·006	·007	·008	·009	·010	·012	·015	..	..	..	..	..	12,208	
577 A.	"	·004	·006	·008	·009	·011	..	..	..	..	..	..	..	..	..	7,541	Full of shakes.
577 B.	"	·005	·007	·009	·013	..	..	..	..	..	..	..	..	..	..	6,412	
577 C.	"	·004	·006	·007	·008	·010	·012	·018	..	..	..	..	..	..	..	8,960	Large shake through centre.
577 D.	"	·004	·005	·006	·007	·008	·009	·010	·014	..	..	..	..	..	..	10,080	Slight shake in one corner.
556 A.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiments.
556 B.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
556 C.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
TRINIDAD.																	
155 A.	Tapana	·005	·006	·008	·009	·011	..	..	..	..	..	..	..	..	..	7,728	
155 B.	"	·004	·005	·006	·007	·012	..	..	..	..	..	..	..	..	..	6,944	
155 C.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiments.
155 D.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
158 A.	Garlic Pear	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiments.
158 B.	" "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
158	" "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
158 D.	" "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
TRINIDAD.																	
162 A.	Mahoe	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiments.
162 B.	„	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
163 A.	No name	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiment.
166 A.	Soap-nut Tree	·007	·009	·012	·016	..	..	..	..	..	..	..	..	..	..	6,048	Symptoms of dry rot.
166 B.	„ „	·008	·011	·014	·017	..	..	..	..	..	..	..	..	..	..	6,580	Do.
166 C.	„ „	·008	·010	·013	·016	..	..	..	..	..	..	..	..	..	..	6,496	Do.
167 A.	Cacapoule	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiments.
167 B.	„	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
167 C.	„	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
168 A.	Surette	·006	·007	·009	·011	·017	..	..	..	..	..	..	..	..	..	7,196	
168 B.	„	·006	·007	·009	·012	..	..	..	..	..	..	..	..	..	..	6,496	
168 C.	„	·006	·008	·011	·015	..	..	..	..	..	..	..	..	..	..	6,664	
168 D.	„	·005	·006	·008	·011	..	..	..	..	..	..	..	..	..	..	6,692	
169 A.	Paraman	·006	·008	·010	·012	·016	..	..	..	..	..	..	..	..	..	7,084	
169 B.	„	·007	·009	·011	·014	..	..	..	..	..	..	..	..	..	..	6,636	
169 C.	„	·006	·008	·010	·015	..	..	..	..	..	..	..	..	..	..	6,104	
169 D.	„	·002	·003	·005	·010	·030	..	..	..	..	..	..	..	..	..	7,140	Not square.
171 A.	Galba	·007	·009	·011	·015	..	..	..	..	..	..	..	..	..	..	6,608	
171 B.	„	·005	·007	·008	·010	·016	..	..	..	..	..	..	..	..	..	7,112	
171 C.	„	·006	·007	·008	·010	·013	..	..	..	..	..	..	..	..	..	7,532	
171 D.	„	·006	·008	·010	·013	·019	..	..	..	..	..	..	..	..	..	7,131	
180 B.	Crabtree	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiments.
180 C.	„	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
180 D.	„	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
185 A.	Noyer	·004	·005	·006	·007	·008	·010	·013	·018	..	..	..	..	..	..	10,668	
185 B.	„	·006	·008	·009	·010	·013	·015	·021	..	..	..	..	..	..	..	9,184	
185 C.	„	·006	·007	·009	·010	·012	·015	·021	..	..	..	..	..	..	..	9,109	
185 D.	„	·002	·003	·004	·006	·007	·009	·012	·016	..	..	..	..	..	..	10,565	
186 A.	Mango	·005	·007	·010	..	..	..	..	..	..	..	..	..	..	..	4,779	
186 B.	„	·008	·016	...	..	..	..	..	..	..	..	..	..	..	..	3,808	
187 A.	Gommier	·006	·008	·011	..	..	..	..	..	..	..	..	..	..	..	5,336	Symptoms of dry rot.
187 B.	„	·006	·008	·011	..	..	..	..	..	..	..	..	..	..	..	5,292	Do.
187 C.	„	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	6,048	Do.

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
TRINIDAD.																	
187 D.	Gommier	·005	·007	·010	..	..	..	..	..	..	..	..	..	..	..	5,544	
196 A.	Beef Wood	·005	·007	·008	·010	·013	·024	..	..	..	..	..	..	..	..	7,952	
196 B.	„	·005	·006	·008	·009	·011	·014	..	..	..	..	..	..	..	..	8,848	
198 A.	Laurel	·008	·010	·013	·020	..	..	..	..	..	..	..	..	..	..	6,076	
198 B.	„	·005	·006	·008	..	..	..	..	..	..	..	..	..	..	..	5,563	
198 C.	„	·007	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	6,011	
198 D.	„	·007	·009	·012	..	..	..	..	..	..	..	..	..	..	..	5,544	
200 A.	Laurier Canelle	·006	·008	·009	·110	·013	·016	..	..	..	..	..	..	..	..	8,876	
200 B.	„ „	·004	·005	·006	·007	·008	·010	·012	..	..	..	..	..	..	..	9,940	
200 C.	„ „	·005	·007	·008	·009	·010	·012	·015	..	..	..	..	..	..	..	9,744	
200 D.	„ „	·004	·006	·008	·008	·010	·011	·014	..	..	..	..	..	..	..	9,548	
201 A.	Laurier Blanc	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiments.
201 B.	„ „	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
201 C.	„ „	·007	·008	·010	·015	..	..	..	..	..	..	..	..	..	..	6,020	
201 D.	„ „	·006	·008	·009	·012	..	..	..	..	..	..	..	..	..	..	6,300	
201 A*c*.	„ „	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiments.
201 A*d*.	„ „	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
201 A*a*.	Laurier Blanc	·007	·008	·010	·013	..	..	..	..	..	..	..	..	..	..	5,964	
201 A*b*.	„ „	·007	·009	·612	·017	..	..	..	..	..	..	..	..	..	..	5,824	
205 A.	Canturo	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiments.
205 B.	„	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
205 C.	„	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
205 D.	„	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
206 A.	Bois de Fer	·008	·011	·015	·026	..	..	..	..	..	..	..	..	..	..	5,656	Not quite square.
206 B.	„	·004	·006	·007	·009	·012	..	..	..	..	..	..	..	..	..	7,168	
206 C.	„	·007	·012	·018	·025	·033	·048	..	..	..	..	..	..	..	..	7,980	
206 D.	„	·005	·010	..	..	..	..	..	..	..	..	..	..	..	..	4,256	
207 A.	Canto	·004	·006	·007	·009	·016	..	..	..	..	..	..	..	..	..	6,869	
207 B.	„	·005	·007	·008	·010	·014	..	..	..	..	..	..	..	..	..	7,317	
207 C.	„	·006	·008	·010	·012	·016	..	..	..	..	..	..	..	..	..	7,448	
207 D.	„	·014	·018	·022	·032	..	..	..	..	..	..	..	..	..	..	6,020	Not square or level. Badly cut.

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4.480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
	TRINIDAD.																
208 A.	Canto	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiments.
208 B.	„	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
208 C.	„	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
208 D.	„	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
212 A.	Balsam Capivi	·006	·008	·012	..	..	..	..	..	..	..	..	..	..	..	5,320	
212 B.	„	·007	·009	·012	·019	..	..	..	..	..	..	..	..	..	..	5,936	
214 A.	Savonette Jaune	·004	·005	·007	·008	·010	·012	·015	..	..	..	..	..	..	..	9,856	
214 B.	„ „	·003	·004	·005	·006	·008	·009	·012	..	..	..	..	..	..	..	9,856	
214 C.	„ „	·005	·006	·007	·008	·010	·012	·014	..	..	..	..	..	..	..	9,968	
214 D.	„ „	·004	·005	·006	·008	·009	·010	·013	·015	·022	..	..	..	..	..	11,368	
216 A.	Purple Heart	·004	·006	·007	·008	·010	·012	·013	·014	·016	·022	..	..	..	..	12,796	
217 A.	Locust	·003	·004	·006	·007	·008	·009	·010	·012	·015	..	..	..	..	..	11,872	
217 B.	„	·004	·005	·006	·007	·008	·009	·009	·012	·014	..	..	..	..	..	11,797	
218 A.	Naranjillo Amarillo	·002	·003	·004	·006	·007	·008	·012	..	..	..	..	..	..	..	9,520	
218 B.	„ „	·004	·005	·006	·007	·008	·010	..	..	..	..	..	..	..	..	8,708	
218 C.	„ „	·005	·007	·008	·010	·012	..	..	..	..	..	..	..	..	..	7,672	
218 D.	„ „	·006	·007	·009	·010	·013	·017	..	..	..	..	..	..	..	..	8,325	
219 A.	Tamarind	·006	·008	·010	·013	·032	..	..	..	..	..	..	..	..	..	7,280	
219 B.	„	·006	·009	·013	·036	..	..	..	..	..	..	..	..	..	..	6,272	
219 C.	„	·006	·008	·010	·014	·023	..	..	..	..	..	..	..	..	..	7,168	
219 D.	„	·004	·006	·008	·014	..	..	..	..	..	..	..	..	..	..	6,496	
220 A.	Casse	·009	·013	·016	·021	..	..	..	..	..	..	..	..	..	..	6,384	
220 B.	„	·005	·006	·008	·009	·011	·013	·018	..	..	..	..	..	..	..	9,557	
221 A.	Guatamare	·004	·005	·006	·007	·008	·009	·010	·012	·014	·018	·026	..	..	..	13,636	
221 B.	„	·004	·006	·007	·008	·009	·010	·012	·014	·016	·020	..	..	..	..	13,104	
222 A.	Bois Mulatre	·004	·006	·007	·008	·011	..	..	..	..	..	..	..	..	..	7,429	
222 B.	„	·004	·006	·008	·009	·012	..	..	..	..	..	..	..	..	..	7,448	
222 C.	„	·005	·007	·009	·014	..	..	..	..	..	..	..	..	..	..	6,272	
222 D.	„	·005	·006	·008	·010	·013	..	..	..	..	..	..	..	..	..	7,317	
226 A.	Angelin	·006	·008	·010	·012	·016	·026	..	..	..	..	..	..	..	..	8,811	
226 B.	„	·006	·008	·009	·011	·015	..	..	..	..	..	..	..	..	..	7,840	Went in two fine worm-holes. Not quite square.

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
TRINIDAD.																	
226 C.	- - - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiments.
226 D.	- - - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
227 A.	Angelin - - -	·007	·010	·015	..	..	..	..	..	..	..	..	..	..	..	4,704	Went in two fine wormholes.
227 B.	„ - - -	·008	·010	..	..	..	..	..	..	..	..	..	..	..	..	4,405	Not quite square.
237 A.	Sapodilla, Sapotillier -	·005	·007	·009	·012	·015	·020	·090	·160	..	..	..	..	..	..	10,752	
237 B.	„ „ -	·006	·008	·010	·013	·016	·022	·043	..	..	..	..	..	..	..	9,352	
243 A.	Acoma, or Mastic -	·004	·006	·008	·009	·011	·014	..	..	..	..	..	..	..	..	8,885	
243 B.	„ „ -	·006	·009	·015	·018	·024	·029	..	..	..	..	..	..	..	..	8,624	Not square.
248 A.	Cypre - - -	·008	·010	·014	·018	..	..	..	..	..	..	..	..	..	..	6,132	
248 B.	„ - - -	·006	·007	·009	·012	..	..	..	..	..	..	..	..	..	..	6,440	
248 C.	„ - - -	·006	·007	·008	..	..	..	..	..	..	..	..	..	..	..	5,544	
248 D.	„ - - -	·010	·014	·020	..	..	..	..	..	..	..	..	..	..	..	4,928	Not quite square.
257 A.	Pui - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
257 B.	„ - - -	·005	·006	·007	·008	·010	·011	·012	·014	·015	·016	·017	·019	·022	..	16,604	
257 C.	„ - - -	·004	·006	·008	·010	·012	·014	·016	·018	·020	·022	·024	·027	..	..	15,652	Not quite square.
260 A.	Almond Tree - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiments.
260 B.	„ „ - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
262 A.	Olivier - - -	·006	·008	·012	·016	·029	..	..	..	..	..	..	..	..	..	6,776	Not square.
262 B.	„ - - -	·004	·006	·008	·010	·013	..	..	..	..	..	..	..	..	..	7,728	
262 C.	„ - - -	·004	·005	·006	·007	·008	·010	..	..	..	..	..	..	..	..	8,596	
262 D.	„ - - -	·005	·006	·007	·009	·010	·013	..	..	..	..	..	..	..	..	8,736	
265 A.	Red Mangrove - -	·006	·008	·010	·012	·014	·016	·020	..	..	..	..	..	..	..	9,520	Not quite square.
265 B.	„ „ - -	·005	·006	·008	·009	·010	·013	·016	..	..	..	..	..	..	..	9,744	
270 A.	Wild Guava - -	·004	·006	·008	·010	·012	·016	..	..	..	..	..	..	..	..	8,363	
270 B.	„ - - -	·005	·006	·008	·009	·010	·014	..	..	..	..	..	..	..	..	8,251	
276 A.	Guatecare - -	·004	·005	·007	·008	·010	·012	·016	..	..	..	..	..	..	..	9,632	Started in small wormhole.
276 B.	„ - - -	·004	·006	·007	·008	·009	·011	·014	..	..	..	..	..	..	..	9,856	
280 A.	Genipa - - -	·007	·009	·013	·026	·120	..	..	..	..	..	..	..	..	..	7,131	
280 B.	„ - - -	·005	·009	·013	·019	·072	..	..	..	..	..	..	..	..	..	7,243	
280 C.	„ - - -	·007	·010	·014	·020	..	..	..	..	..	..	..	..	..	..	6,645	Not quite square.
280 D.	„ - - -	·008	·010	·013	·018	·047	..	..	..	..	..	..	..	..	..	6,916	Do.

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
VICTORIA.																	
1 A.	Peppermint Tree	·005	·006	·008	·009	·010	·012	·016	..	..	..	..	..	..	..	9,940	
1 B.	" "	·005	·007	·008	·010	·013	·016	·024	..	..	..	..	..	..	..	9,408	
1 C.	" "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No good; split.
1 D.	" "	·005	·007	·008	·010	·012	·014	·019	..	..	..	..	..	..	..	9,520	
2 A.	Grey Box Tree	·007	·009	·010	·013	..	..	..	..	..	..	..	..	..	..	6,608	
2 B.	" "	·006	·008	·009	·011	·016	..	..	..	..	..	..	..	..	..	7,056	
2 C.	" "	·007	·009	·010	·013	·016	..	..	..	..	..	..	..	..	..	7,721	
2 D.	" "	·007	·008	·010	·012	·016	..	..	..	..	..	..	..	..	.	7,448	
2 A*a*.	Grey Box Tree	·006	·008	·009	·012	·018	..	..	..	..	..	..	..	..	..	7,448	
2 A*b*.	" "	·006	·008	·010	·013	..	..	..	..	..	..	..	..	..	..	6,533	
2 A*c*.	" "	·007	·008	·010	·012	·016	..	..	..	..	..	..	..	..	..	7,317	
2 A*d*.	" "	·004	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	7,355	
3 A.	Coast Tea Tree	·005	·007	·008	·009	·012	..	..	..	..	..	..	..	..	..	7,728	
3 B.	" "	·008	·010	·015	·031	..	..	..	..	..	..	..	..	..	..	6,382	
4 A.		·004	·006	·007	·008	·010	·012	·013	·015	·017	·024	..	..	..	..	12,628	Not quite square.
5 A*a*.	Mint Tree	·008	·011	·017	..	..	..	..	..	..	..	..	..	..	..	5,525	
5 A*b*.	"	·006	·008	·011	·016	..	..	..	..	..	..	..	..	..	..	6,496	
5 A*c*.	"	·007	·009	·012	·016	·022	..	..	..	..	..	..	..	..	..	7,196	
6 A.		·008	·010	·046	..	..	..	..	..	..	..	..	..	..	..	5,180	
6 B.		·006	·008	·009	·010	·013	·017	..	..	..	..	..	..	..	..	7,476	
6 C.		·006	·007	·008	·011	..	..	..	..	..	..	..	..	..	..	6,608	
7 A.		·006	·008	·012	·019	..	..	..	..	..	..	..	..	..	..	6,011	
7 B.		·002	·004	·009	..	..	..	..	..	..	..	..	..	..	..	5,460	Shrunk.
7 C.		·006	·008	·013	..	..	..	..	..	..	..	..	..	..	..	5,488	
8 A.		·006	·008	·010	·013	·017	..	..	..	..	..	..	..	..	..	7,616	
8 B.		·006	·008	·010	·012	·025	..	..	..	..	..	..	..	..	..	7,196	
8 C.		·004	·006	·008	·010	·018	..	..	..	..	..	..	..	..	..	7,205	
8 D.		·007	·009	·011	·014	·020	..	..	..	..	..	..	..	..	..	7,280	
9 A.		·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	6,664	
9 B.		·004	·005	·006	·008	..	..	..	..	..	..	..	..	..	..	6,664	
9 C.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
10 A.	Woolly Butt	·007	·010	·012	·018	..	..	..	..	..	..	..	..	..	..	6,468	
10 B.	" "	·010	·013	·016	·019	·026	..	..	..	..	..	..	..	..	..	7,504	
10 C.	" "	·006	·008	·010	·013	..	..	..	..	..	..	..	..	..	..	6,664	
10 D.	" "	·004	·006	·007	·009	·014	..	..	..	..	..	..	..	..	..	7,504	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
VICTORIA.																	
10 A*a*.	Woolly Butt	·005	·007	·009	·013	·030	..	..	..	..	..	..	..	..	..	7,168	
10 A*b*.	" "	·006	·007	·009	·012	·014	·020	..	..	..	..	..	..	..	..	8,064	
10 A*c*.	" "	·007	·008	·010	·013	·023	..	..	..	..	..	..	..	..	..	7,448	
10 A*d*.	" "	·004	·006	·008	·010	·013	..	..	..	..	..	..	..	..	..	7,504	
11 A.	Broad-leaved Box Tree	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
11 B.	" "	·008	·013	·017	·026	..	..	..	..	..	..	..	..	..	..	6,160	Symptoms of dry rot.
11 C.	" "	·009	·012	·016	·027	..	..	..	..	..	..	..	..	..	..	5,768	
11 D.	" "	·008	·012	·017	·022	..	..	..	..	..	..	..	..	..	..	6,244	Symptoms of dry rot.
12 A.	Honeysuckle	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiments.
12 B.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
12 C.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
12 D.	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
13 A*a*.	Coast Tea Tree	·017	..	..	..	..	..	..	..	..	..	..	..	..	..	2,968	
13 A*b*.	" "	·018	..	..	..	..	..	..	..	..	..	..	..	..	..	2,949	
14 A.	Gully Tree Fern	·006	·008	·010	·012	·015	..	..	..	..	..	..	..	..	..	7,653	
14 B.	" "	·006	·008	·010	·012	·022	..	..	..	..	..	..	..	..	..	7,056	
14 C.	" "	·006	·008	·012	·022	..	..	..	..	..	..	..	..	..	..	6,412	
14 D.	" "	·010	·014	·018	·023	..	..	..	..	..	..	..	..	..	..	6,496	
14 A*a*.	" "	·006	·007	·010	..	..	..	..	..	..	..	..	..	..	..	5,460	
14 A*b*.	" "	·006	·008	·012	..	..	..	..	..	..	..	..	..	..	..	5,096	
14 A*c*.	" "	·006	·008	·012	..	..	..	..	..	..	..	..	..	..	..	4,928	
14 A*d*.	" "	·007	·010	..	..	..	..	..	..	..	..	..	..	..	..	4,312	
15 A.	Musk Tree	·006	.012	..	..	..	..	..	..	..	..	..	..	..	..	4,032	
15 B.	" "	·008	·010	..	..	..	..	..	..	..	..	..	..	..	..	4,256	
15 C.	" "	·010	·026	..	..	..	..	..	..	..	..	..	..	..	..	3,808	Symptoms of dry rot.
16 A.	Desert Cypress Pine	·006	·009	·015	..	..	..	..	..	..	..	..	..	..	..	5,152	
16 B.	" "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No good, had a shake. Split.
16 C.	" "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
16 D.	" "	·004	·006	·009	·170	..	..	..	..	..	..	..	..	..	..	5,525	
22 A.	Iron Bark Tree	·006	·007	·009	·010	·014	..	..	..	..	..	..	..	..	..	7,784	
22 B.	" "	·005	·007	·008	·010	·011	·014	..	..	..	..	..	..	..	..	8,624	
22 C.	" "	·005	·007	·008	·010	·012	·015	..	..	..	..	..	..	..	.	8,848	
22 D.	" "	·007	·008	·011	·014	·018	·023	..	..	..	..	..	..	..	..	8,708	
28 A.		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
28 C.																	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440	lbs. 14,560	lbs. 15,680.	lbs. 16,800.		
VICTORIA.																	
28 A.	- - -	·006	·009	·013	·022	·039	..	..	..	..	..	..	..	..	..	7,784	Out of square.
28 B.	- - -	·006	·007	·008	·010	·012	·015	..	..	..	..	..	..	..	..	8,699	
28 C.	- - -	·008	·014	·018	·026	·033	·041	..	..	..	..	..	..	..	..	8,540	
28 D.	- - -	·006	·008	·010	·012	·014	·018	..	..	..	..	..	..	..	..	8,661	
29 A.	- - -	·005	·006	·008	·009	.013	·019	..	..	..	..	..	..	..	..	8,120	
29 B.	- - -	·004	·006	·007	·010	·012	·022	..	..	..	..	..	..	..	..	8,092	
29 C.	- - -	·006	·007	·009	·012	·017	..	..	..	..	..	..	..	..	..	7,448	
29 D.	- - -	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	6,664	
29 A*a*.	- - -	·010	·014	·018	·023	·029	..	..	..	..	..	..	..	..	..	7,728	Not square.
29 A*b*.	- - -	·004	·005	·007	·008	·011	·016	..	..	..	..	..	..	..	..	8,400	
29 A*c*.	- - -	·006	·008	·010	·012	·015	·020	..	..	..	..	..	..	..	..	8,204	
29 A*d*.	- - -	·007	·008	·010	·012	·015	·023	..	..	..	..	..	..	..	..	8,120	
31 A.	- - -	·006	·009	·016	..	..	..	..	..	..	..	..	..	..	..	5,413	
31 B.	- - -	·021	·030	·112	..	..	..	..	..	..	..	..	..	..	..	4,928	Out of square.
31 C.	- - -	·006	·008	·014	..	..	..	..	..	..	..	..	..	..	..	5,432	
33 A.	Grey Box Tree -	·007	·009	·012	·016	..	..	..	..	..	..	..	..	..	..	5,936	
33 B.	" " -	·005	·007	·009	·012	..	..	..	..	..	..	..	..	..	..	6,496	
33 C.	" " -	·007	·009	·011	·016	..	..	..	..	..	..	..	..	..	..	6,132	
33D.	" " -	·004	·006	·008	·012	..	..	..	..	..	..	..	..	..	..	6,645	
34 A.	- - -	·006	·007	·009	·012	·018	..	..	..	..	..	..	..	..	..	7,243	
34 B.	- - -	·004	·006	·007	·008	·012	..	..	..	..	..	..	..	..	..	7,728	
34 C.	- - -	·006	·008	·009	·012	·016	..	..	..	..	..	..	..	..	..	7,560	
34 D.	- - -	·004	·006	·007	·009	·010	·015	..	..	..	..	..	..	..	..	8,652	
35 A.	Stringy Bark -	·006	·008	·012	·017	..	..	..	..	..	..	..	..	..	..	5,852	
35 B.	" " -	·006	·008	·010	..	..	..	..	..	..	..	..	..	..	..	5,544	
35 C.	" " -	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	6,048	
35 D.	" " -	·004	·006	·009	..	..	..	..	..	..	..	..	..	..	..	5,488	
36 A.	White Gum Tree -	·006	·008	·028	..	..	..	..	..	..	..	..	..	..	..	4,480	
36 B.	" " -	·006	·007	·010	..	..	..	..	..	..	..	..	..	..	..	5,301	
36 C.	" " -	·009	·014	..	..	..	..	..	..	..	..	..	..	..	..	4,069	
36 D.	" " -	·006	·008	..	..	..	..	..	..	..	..	..	..	..	..	4,228	
38 A.	Native Cherry Tree -	·006	·007	·009	·014	..	..	..	..	..	..	..	..	..	..	6,160	
38 B.	" " -	·004	·006	·008	·010	..	..	..	..	..	..	..	..	..	..	6,496	
38 C.	" " -	·007	·009	·011	·016	..	..	..	..	..	..	..	..	..	..	6,645	
38 D.	" " -	·005	·006	·008	·012	..	..	..	..	..	..	..	..	..	..	6,496	

TABLE IV.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of														Crushing Weight in Pounds.	Remarks.
		lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	lbs. 11,200.	lbs. 12,320.	lbs. 13,440.	lbs. 14,560.	lbs. 15,680.	lbs. 16,800.		
	VICTORIA.																
39 A.	Spurious Mulberry Tree	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No experiments.
39 B.	" "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
39 C.	" "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
39 D	" "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
39 A*a*.	" "	·018	..	..	..	..	..	..	..	..	..	..	..	..	..	2,576	
39 A*b*.	" "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
39 A*c*.	" "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
39 A*d*.	" "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
40 A.	Coast Honeysuckle	·009	·018	..	..	..	..	..	..	..	..	..	..	..	..	3,528	
40 B.	" "	·008	..	..	..	..	..	..	..	..	..	..	..	..	..	3,192	
40 C.	" "	·009	·012	..	..	..	..	..	..	..	..	..	..	..	..	4,004	
40 D.	" "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
42 A.	- - -	·005	·007	·008	·012	..	..	..	..	..	..	..	..	..	..	6,608	
42 B.	- - -	·006	·007	·009	·012	·018	..	..	..	..	..	..	..	..	..	7,112	
42 C.	- - -	·005	·006	·008	·010	·016	..	..	..	..	..	..	..	..	..	6,944	
42 D.	- - -	·006	·008	·011	·034	..	..	..	..	..	..	..	..	..	..	5,637	
42 A*a*.	- - -	·004	·005	·006	·008	·009	..	..	..	..	..	..	..	..	..	7,691	
42 A*b*.	- - -	·005	·006	·008	·010	..	..	..	..	..	..	..	..	..	..	6,244	
42 A*c*.	- - -	·008	·009	·012	·014	·019	..	..	..	..	..	..	..	..	..	7,392	
42 A*d*.	- - -	·005	·006	·008	·010	..	..	..	..	..	..	..	..	..	..	6,608	
43 A.	- - - -	·006	·007	·008	·010	·014	..	..	..	..	..	..	..	..	..	7,392	
43 B.	- - - -	·006	·007	·008	·010	·014	..	..	..	..	..	..	..	..	..	7,541	
43 C.	- - - -	·004	·006	·007	·008	·012	..	..	..	..	..	..	..	..	..	7,420	
43 D.	- - - -	·006	·007	·009	·011	·015	..	..	..	..	..	..	..	..	..	7,560	
44 A.	Honeysuckle -	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	
44 B.	" -	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	
44 C.	" -	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	
44 D.	" -	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	
45 A.	Wattle - -	·008	·012	·016	..	..	..	..	..	..	..	..	..	..	..	5,152	
45 B.	" - -	·004	·006	·007	·010	..	..	..	..	..	..	..	..	..	..	6,356	
45 C.	" - -	·006	·008	·010	·014	..	..	..	..	..	..	..	..	..	..	6,496	
46 D.	- - - -	·008	·010	·015	..	..	..	..	..	..	..	..	..	..	..	5,264	

TABLE V.

In this Table the Woods are arranged in the order of their Crushing Weight in the direction of the Fibre.

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
257 A. B. C.	Poui	Trinidad	16,128	2
4 A. B.	Canasin	British Honduras	15,339	2
10,373 A.	Gnoo-shwoay	East India	15,120	1
212 A. B.	Jamaica Ebony	Jamaica	14,765	2
10,485 A. B. C.	Padouk	East India	13,533	3
319 A*a*. A*b*.	Section of Cocoa Nut	Jamaica	13,482	2
121 A*a*. A*b*.	Weeping Myall	Queensland	13,426	2
221 A. B.	Guatamare	Trinidad	13,370	2
1 A. B. C. D.	White or Pale Iron Bark	New South Wales (S.)	13,349	4
2,468 A.	Pannaga	East India	13,300	1
2,471 A.	Kasso	Do.	13,216	1
341 A.	Iron Wood	Jamaica	13,216	1
80 A. B.	-	East India	13,118	2
4,754 A. B.	Iron Wood	Do.	13,048	2
297 A. B. C. D.	Red Heart (? leaf or heart).	Jamaica	12,950	4
121 A. B.	Weeping Myall	Queensland	12,922	2
2,345 A.	Tenasserim Mahogany	East India	12,880	1
216 A.	Purple Heart	Trinidad	12,796	1
319 E*a*. E*b*.	Section of Cocoa Nut	Jamaica	12,726	2
4 A.	-	Victoria	12,628	1
122 A*a*. A*b*.	Bricklow	Queensland	12,502	2
223 A. B. C. D.	Braziletto	Jamaica	12,369	4
2 A. B.	Cranadilla	British Honduras	12,278	2
77 A. B.	Iron Bark of the Clarence	New South Wales (N.)	12,264	2
10 A. B. C.	Cedar	Liberia	12,214	3
20 A. B. C. D.	Cumara, or Tonka	British Guiana	12,212	4
345 A. B.	Wild Orange	Jamaica	12,175	2
120 A. B.	Acacia Sp.	Queensland	12,096	1
115 A. B.	Acacia Sp.	Do.	11,984	2
217 A. B.	Locust	Trinidad	11,834	2
5,607 A.	Peasal	East India	11,816	1
16 A. B. C. D.	Burneh, Bully, or Bullet Tree.	British Guiana	11,722	4
20 A. B.	Callhum	Queensland	11,564	2
216 A. B. C. D.	Dog Wood	Jamaica	11,470	4
10,358 A. B.	Gangan	East India	11,438	2
355 A. B.	Black Rosewood	Jamaica	11,340	2
63 A. B.	Flintamendosa	New South Wales (N.)	10,248	2
13 A. B. C. D.	Bastard Box	Do. (S.)	11,221	4
13 A*c*. A*d*.	Bastard Box	Do. (S.)	11,144	2
350 A. B.	Green Heart	Jamaica	11,060	2
7,629 A. B.	Bom Mai Za	East India	11,022	2
10,379 A. B.	Padouk	Do.	10,976	1
339 A. B. C. D.	Naseberry Bullet Tree	Jamaica	10,836	4
71 A. B.	Swamp Mahogany	Queensland	10,822	2
558 A. B. C.	Blue Gum	Tasmania	10,811	3
11 A. B. C. D.	Bastard Box of Illawarra	New South Wales (S.)	10,759	4
11 A. B. C.	Black Gum	Liberia	10,686	3
117 A. B.	Rosewood	Queensland	10,640	2
3 A. B. C.	Iron Bark	New South Wales (S.)	10,640	3
371 A. B. C. D.	Stringy Bark	Tasmania	10,612	4
71 A*a*.	Swamp Mahogany	Queensland	10,612	1
5,600 A.	Sissoo, Black	East India	10,584	1
5 A. B. C. D.	Iron Bark	New South Wales (S.)	10,458	4
8 A. B. C. D.	Narrow-leaved Iron Bark	Do. (S.)	10,458	2
122 A. B.	Bricklow	Queensland	10,378	2
140 A. B.	Sandal Wood	East India	10,360	1
2 A. B.	White Iron Bark	New South Wales (S.)	10,332	2
214 A. B. C. D.	Savonette Jaune	Trinidad	10,262	4
319 C*a*. C*b*.	Section of Cocoa Nut	Jamaica	10,257	2
8 A. B. C. D.	Black Wood	Tasmania	10,173	4
72 A. B.	Woolly Butt	Queensland	10,164	2
A.	Spoke of a Wheel	New South Wales (S.)	10,136	1
10,388 A. B.	Pangah	East India	10,136	2
67 A. B.	*Spotted Gum*	*Queensland*	10,094	2
13 A. B.	*Bullet Wood*	*British Honduras*	10,080	2
24 A. B.	*Broad-leaved Cherry*	*Queensland*	10,052	2

TABLE V.—*continued.*

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
237 A. B.	Sapodilla, Sapotillier	Trinidad	10,052	2
18 A. B.	Box Wood	Liberia	10,047	2
106 A. B.	Iron Wood	New South Wales (N.)	10,024	2
9 A. B.	Swamp Oak	Queensland	9,968	2
10,357 A.	Theya	East India	9,968	1
147 A.	Terruvah	Do.	9,968	1
7,065 A.	Gaham Bada	Do.	9,940	1
160 A. B.	White Lance Wood	Jamaica	9,930	2
10,376 A.	Yin-dike	East India	9,893	1
185 A. B. C. D.	Noyea	Trinidad	9,881	4
7 A. B. C. D.	Narrow-leaved, Smooth or Red, Iron Bark.	New South Wales (S.)	9,860	4
4,664 A.	Beejah	East India	9,856	1
276 A. B.	Guatecare	Trinidad	9,744	2
7,067 A.	Bia-babi	East India	9,744	1
10,489 A. B.	Kya Ya	Do.	9,730	2
72 *Aa.* A*b.*	Woolly Butt	Queensland	9,716	2
358 A. B. C.	White Rosewood	Jamaica	9,657	3
14 A. B. C. D.	Bastard Box	New South Wales (S.)	9,655	4
63 *Aa.* A*b.*	Black Iron Bark	Queensland	9,646	2
265 A. B.	Red Mangrove	Trinidad	9,632	2
17 A. B. C. D.	Flooded Gum	New South Wales (S.)	9,632	4
1 A. B. C. D.	Peppermint Tree	Victoria	9,622	3
7,086 A.	Dammerlaut	East India	9,576	1
64 A. B.	Grey Iron Bark	Queensland	9,576	2
91 A. B.	Crab Tree	Do.	9,562	2
200 A. B. C. D.	Laurier Canelle	Trinidad	9,527	4
104 A. B. C.		East India	9,457	3
371 A. B. C. D.	White Torch	Jamaica	9,436	4
65 A. B.	Red Iron Bark	Queensland	9,436	2
4 A. B. C. D.	Broad-leaved Rough Iron Bark.	New South Wales (S.)	9,401	4
10,384 A.	Thitsee	East India	9,352	1
117 *Aa.* A*b.*	Rosewood	Queensland	9,338	2
10,390 A, B.	Ktouhgyan	East India	9,324	2
2,493 A.	Klaydang	Do.	9,296	1
185 A.	Black Wood	Do.	9,296	1
10,491 A. B.	Zangyceoat-doup (Oak-leaved Polypod).	Do.	9,244	2
46 A. B. C. D.	Stringy Bark of Coast	New South Wales (S.)	9,233	4
23 A. B. C. D.	Grey Gum	Do. (S.)	9,212	4
84 A. B.	Marble Wood	Do. (N.)	9,212	2
65 *Aa.* A*b.*	Red Iron Bark	Queensland	9,184	2
5,609 A.	Keehar	East India	9,184	1
67 *Aa.* A*b.*	Spotted Gum	Queensland	9,170	2
228 A. B.	Yellow Candle Wood	Jamaica	9,170	2
103 A. B.	Grey Gum	New South Wales (N.)	9,127	2
24 *Aa.* A*b.*	Broad-leaved Cherry	Queensland	9,114	2
10,440 A.	Baman	East India	9,072	1
37 A. B. C. D.	Eucalyptus Sp.	New South Wales (S.)	9,072	4
4,671 A.	Baubul	East India	9,072	1
61 *Aa.* A*b.*	Myrtaceæ	Queensland	9,058	2
3,952 A.	Iymungul	East India	9,035	1
10,478 A. B. C.	Nat Gyee	Do.	9,022	3
15 A. B. C. D.	Mora	British Guiana	9,020	4
1,220 A. B.	Unjun	East India	9,016	2
36 *Aa.* A*b.*	Pseudalangium Tomentosum.	Queensland	9,016	2
64 A. B.	Broad-leaved Tea Tree	New South Wales (S.)	8,974	2
2,465 A.	Marabow	East India	8,960	1
64 *Aa.* A*b.*	Grey Iron Bark	Queensland	8,960	2
5,602 A.	Abloos or Kandoo	East India	8,960	1
7,093 A.	Gading-gading	Do.	8,960	1
8 A.	Pimento	British Honduras	8,940	1
67 A. B.	Nono Gyinandii	New South Wales (N.)	8,932	2
328 A. B.	Black Bullet Tree	Jamaica	8,932	2
5,606 A.	Sissoo, Red	East India	8,932	1
48 *Aa,* A*b.*	Cyminosma Oblongifolia	Queensland	8,918	2
201 A. B. C. D.	Red Candle Wood	Jamaica	8,879	4
63 A. B.	Black Iron Bark	Queensland	8,876	2
5 A. B.	Kakaralli	British Guiana	8,862	2
110 A. B.	Ixora Thozetiana, F.M.	Queensland	8,848	1
7,071 A.	Murbow	East India	8,848	1
28 A. B. C. D.	Native Plum	New South Wales (N.	8,848	4

TABLE V.—*continued.*

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
12 A*a*. A*b*.	Flindosa	Queensland	8,834	2
14 A. B.	Tastab	British Honduras	8,834	2
109 A. B.	Olive Tree	Queensland	8,834	2
68 A*a*. A*b*.	Turpentine Tree	Do.	8,820	2
10,348 A. B.	Petwoon	East India	8,806	2
68 A. B.	Turpentine Tree	Queensland	8,806	2
89 A. B.	Found in the Brush Forest on the Clarence.	New South Wales (N.)	8,792	2
319 B*a*. B*b*. B*c*. B*d*.	Section of Cocoa Nut	Jamaica	8,766	4
10,434 A.	Theetmin	East India	8,764	1
2,474 A.	Brombong	Do.	8,764	1
243 A. B.	Acoma or Mastic	Trinidad	8,754	2
373 C*a*. C*b*. C*c*.	Stringy Bark	Tasmania	8,717	3
47 A. B. C. D.	Do. Appin	New South Wales (S.)	8,708	4
4,660 A.	Surrye	East India	8,699	1
8 C*a*. C*b*. C*c*. C*d*.	Black Wood	Tasmania	8,680	4
7,066 A.	Rungas	East India	8,680	1
38 A. B. C. D.	Grey Gum from Brisbane Water.	New South Wales (S.)	8,666	4
88 A. B.	Found in the Brush Forest on the Clarence.	Do. (N.)	8,638	2
57 A. B.	Iron Wood	Queensland	8,633	2
407 A.	Star Apple	Jamaica	8,624	1
5,598 A.	Sal	East India	8,624	1
109 A*a*. A*b*.	Olive Tree	Queensland	8,596	2
10,382 A.	Pouktheuma - myckkyouk.	East India	8,587	1
372 A. B. C. D.	Blue Gum	Tasmania	8,577	4
61 A. B.	Myrtaceæ	Queensland	8,568	1
10,397 A.	Thabyehgah	East India	8,568	1
218 A. B. C. D.	Naranjillo Amarillo	Trinidad	8,556	4
367 A. B. C. D.	Iron Wood	Tasmania	8,551	4
5,601 A.	Burdur	East India	8,549	1
48 A. B. C. D.	Stringy Bark, Camden	New South Wales (S.)	8,547	4
10,352 A. B.	Eng	East India	8,531	2
123 A. B.	Acacia	Queensland	8,516	2
60 A. B.	Hickory, Lignum Vitæ	New South Wales (N.)	8,512	2
7,531 A.		East India	8,512	1
373 A. B. C. D.	Stringy Bark	Tasmania	8,505	4
21 A. B. C. D.	Blue Gum	New South Wales (S.)	8,498	4
22 A. B. C. D.	Iron Bark Tree	Victoria	8,491	4
10,367 A. B.	Broomayza	East India	8,484	2
23 A*a*. A*b*.	Mountain Ash	Queensland	8,460	2
84 A. B.	Black Wattle of Illawarra.	New South Wales (S.)	8,456	2
27 A. B. C. D.	Black Butt Gum	Do. (S.)	8,449	4
10,410 A. B.	Hteingalah	East India	8,456	1
10,420 A. B.	Than-day	Do.	8,437	1
10,482 A. B.	Pune Tha	Do.	8,428	2
28 A. B. C. D.		Victoria	8,421	4
40 A*a*. A*b*.	Cupania Sp.	Queensland	8,400	2
111 A. B.	Notelæa Longifolia	Do.	8,400	2
196 A. B.	Beef Wood	Trinidad	8,400	2
13 A. B.	Wobul	New South Wales (N.)	8,386	2
34 A. B.	Dark Yellow Wood	Queensland	8,376	2
10,226 A.	Sissoo	East India	8,344	1
4,668 A.	Dhowrah	Do.	8,344	1
75 A*a*. A*b*. A*c*.	Pottosporum, or Waddy Wood.	Tasmania	8,338	3
66 A*a*. A*b*.	Stringy Bark	Queensland	8,330	2
226 A. B. C. D.	Angelin	Trinidad	8,325	2
270 A. B.	Wild Guava	Do.	8,307	2
10,355 A. B.	Thingadoe	East India	8,306	2
29 A. B. C.	Hitchia	British Guiana	8,288	1
40 A. B. C.	Uroobie	New South Wales (N.)	8,288	3
70 A. B.	Myrtle	Do. (S.)	8,288	2
105 A. B.	River or White Oak	Do. (S.)	8,288	2
26 C. D.	Spotted or Mottled Gum	Do. (S.)	8,260	2
74 A. B.	White Myrtle	Do. (N.)	8,260	2
577 A. B. C. D.	Blue Gum	Tasmania	8,248	4
12 A. B.	Flindosa	Queensland	8,246	2
154 A. B.	Red Ash, Leather Jacket, *Coopers'* Wood.	New South Wales (S.)	8,232	2

TABLE V.—*continued.*

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
17 A.	Sapodilla - -	British Honduras -	8,204	1
66 A. B.	Stringy Bark - -	Queensland - -	8,176	2
85 A. B. C.	Peppermint - -	Tasmania - - -	8,151	3
10 A. B. C. D.	Box of Illawarra -	New South Wales (S.) -	8,148	4
210 A. B. C.	Casuarina Equisetifolia	Jamaica - - -	8,148	3
21 A. B. C. D.	Black Oak - -	Liberia - - -	8,145	4
10,475 A. B.	Nanee Auka - -	East India - -	8,134	2
10,477 A. B. C.	Kay Yoob - -	Do. - -	8,134	2
29 Aa. Ab. Ac. Ad.	- - - -	Victoria - - -	8,113	4
36 A. B.	Larrabie - - -	New South Wales (N.) -	8,106	2
363 A.	Beech Wood - -	Jamaica - - -	8,092	1
144 A.	Bengha - - -	East India - -	8,092	1
36 A. B.	Pseudalangium Tomentosum.	Queensland - -	8,092	2
54 A. B.	Schmidilia pyriformis -	New South Wales (N.) -	8,092	2
88 A. B.	Bursaria Ferruginea -	Queensland - -	8,078	2
58 A. B.	Myrtle - - -	Do. - -	8,078	2
58 A. B.	Mahogany - -	Liberia - - -	8,064	2
6 A. B.	Forest Oak - -	Queensland - -	8,064	2
110 Aa. Ab.	Ixora Thozetiana, F.M. -	Do. - -	8,064	2
7,514 A. B.	Sakhoo - - -	East India - -	8,050	2
218 A. B.	Dog Wood - -	Jamaica - - -	8,045	2
88 Aa. Ab.	Bursaria Ferruginea -	Queensland - -	8,036	2
58 Aa.	Myrtle - - -	Do. - -	8,036	1
73 Aa. Ab.	Blue Gum - -	Do. - -	8,036	2
369 A. B. C. D.	Tea Tree - - -	Tasmania - -	8,031	4
10,356 A. B.	Engyin - - -	East India - -	8,022	2
10,375 A. B.	May-za-lee - -	Do. - -	8,008	2
29 A. B.	Lignum Vitæ - -	Queensland - -	8,003	2
25 A. B. C. D.	Rough-barked Gum -	New South Wales (S.) -	8,001	4
10,406 A. B.	Bingah - - -	East India - -	7,994	2
97 A. B.	Sersatisia Sericea, R. B.	Queensland - -	7,952	2
267 A. B. C. D.	White Bully Tree -	Jamaica - - -	7,980	4
220 A. B.	Casse - - -	Trinidad - - -	7,970	2
262 A. B. C. D.	Olivier - - -	Do. - - -	7,959	4
14 A. B.	Found near Lismore, near Richmond River.	New South Wales (N.) -	7,952	2
102 A. B. C. D.	Flooded Gum - -	Do. (N.) -	7,949	4
3 A. B. C.	Tovrie - - -	Do. (N.) -	7,911	3
44 A. B. C. D.	Mahogany - -	Do. (S.) -	7,884	4
94 A. B.	Silver Tree - -	Queensland - -	7,868	1
21 A. B. C. D.	Caoutchouc - -	British Honduras -	7,853	4
54 A. B.	Turpentine - -	New South Wales (S.) -	7,840	2
7,092 A.	Madang Serai - -	East India - -	7,840	1
111 Aa. Ab.	Notelæa Longifolia -	Queensland - -	7,840	2
106 Ca. Cb.	Gerjeria Salicifolia -	Do. - -	7,840	2
71 A. B.	Swamp Oak - -	New South Wales (N.) -	7,826	2
44 Aa. Ab.	Tulip Wood - -	Queensland - -	7,821	2
86 A. B.	Woodunpar - -	East India - -	7,798	2
34 A. B. C. D.	- - - -	Victoria - - -	7,795	4
5,610 A.	Koozoom - - -	East India - -	7,784	1
10,354 A. B.	Thingan - - -	Do. - -	7,784	2
15 A.	Mabinjuh or Mabinjuj -	British Honduras -	7,784	1
4,658 A.	Putteerees Sagoon -	East India - -	7,765	1
19 Aa. Ab.	Light Wood - -	Queensland - -	7,756	2
106 Ba. Bb.	Gerjeria Salicifolia -	Do. - -	7,742	2
7,073 A.	Klat - - -	East India - -	7,728	1
4 A. B. C. D.	Wadaduri or Monkey Nut.	British Guiana - -	7,707	4
30 A. B. C.	- - - -	East India - - -	7,690	3
29 Aa. Ab.	Lignum Vitæ - -	Queensland - -	7,672	2
47 A. B. C. D.	Rosewood - -	New South Wales (N.) -	7,659	3
108 A. B.	Canthium Lamprophyllum.	Queensland - -	7,658	2
354 A. B.	Sweet Wood - -	Jamaica - - -	7,653	2
5,608 A.	Koozoom - - -	East India - -	7,616	1
169 A. B. C. D.	Red Wood - -	Jamaica - - -	7,611	4
10,225 A.	Saul - - -	East India - -	7,588	1
40 A. B. C. D.	Messmate - -	New South Wales (S.) -	7,588	4
29 A. B. C. D.	- - - -	Victoria - - -	7,581	4
7,622 A. B. C. D.	Oak An - - -	East India - -	7,576	4
10,349 A. B.	Dwanee - - -	Do. - -	7,564	2
24 A. B. C. D.	WoollyButt of Illawarra	New South Wales (S.) -	7,560	4

TABLE V.—*continued.*

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
10 *a*. *b*. *c*. *d*.	Woolly Butt	Victoria	7,546	4
374 A. B. C. D.	Blue Gum	Tasmania	7,541	3
10,416 A. B.	Toung-za-lat	East India	7,532	2
81 A. B.	Croton Phebalioides, R.B.	Queensland	7,532	2
5,603 A.	Assan	East India	7,532	1
66 A. B.	Bastard Myall	New South Wales (N.)	7,531	2
15 A. B. C. D.	Burr Wood	Liberia	7,527	4
49 A. B. C. D.	Stringy Bark, Berrima	New South Wales (S.)	7,522	4
49 *a*. *b*.	Mimusops Parviflora	Queensland	7,518	2
14 A. B. C. D.	Houbaballi	British Guiana	7,516	4
5 A. B. C. D.	Brush Bastard or White Box.	New South Wales (N.)	7,511	4
2,470 A.	Klat Mera	East India	7,504	1
326 A. B.	Red Wood	Jamaica	7,504	2
44 A. B.	Tulip Wood	Queensland	7,490	2
8 B *a*. B *b*. B *c*.	Black Wood	Tasmania	7,485	3
43 A. B. C. D.		Victoria	7,478	4
43 A. B.	Bat and Ball, Native Orange, Native Pomegranate.	New South Wales (N.)	7,448	2
106 *a*. *b*.	Gerjeria Salicifolia	Queensland	7,448	2
108 *a*. *b*.	Canthium Lamprophyllum.	Do.	7,434	2
4,662 A.	Dhengun	East India	7,420	1
73 A. B.	Blue Gum	Queensland	7,420	2
7 A. B. C. D.	Moraballi or Mooraballi	British Guiana	7,401	4
16 A. B.	Subin or Cubin	British Honduras	7,396	2
49 A. B.	Mimusops Parviflora	Queensland	7,392	2
7,520 A.		East India	7,364	1
320 A. B.	Yoke Wood	Jamaica	7,364	2
373 *a*. *b*. *c*. *d*.	Stringy Bark	Tasmania	7,354	3
32 A. B.	Plum Tree	Queensland	7,345	2
155 A. B. C. D.	Tapana	Trinidad	7,336	2
48 A. B.	Cyminosma Oblongifolia	Queensland	7,331	2
8 A. B. C. D.		Victoria	7,324	4
3,961 A.	Mowah	East India	7,317	1
10,405 A. B.	Hnau	Do.	7,308	2
42 A. B. C.	Swamp Mahogany	New South Wales (S.)	7,280	3
6,550 A.	Pangah	East India	7,243	1
372 A. B.	Beef Apple	Jamaica	7,242	2
10,417 A.	Paet-than	East India	7,224	1
21 A. B.	Wootarie	New South Wales (N.)	7,224	2
19 A. B.	Light Wood	Queensland	7,224	2
18 A. B. C.	Caraba or Crab Wood	British Guiana	7,217	3
40 A. B.	Cupania Sp.	Queensland	7,210	2
2 A. B. C. D.	Grey Box Tree	Victoria	7,208	4
24 A. B. C. D.	Ash, Beech, and Flindosa	New South Wales (N.)	7,193	4
11 A.	Chucya	British Honduras	7,196	1
284 A. B.	Tecoma Stans	Jamaica	7,168	2
64 A. B.	Tea Tree	New South Wales (N.)	7,168	2
2 *a*. *b*. *c*. *d*.	Grey Box Tree	Victoria	7,163	4
53 A. B.	Myrtus Trinervis	Queensland	7,154	2
105 A. B.	Light Yellow Wood	New South Wales (N.)	7,149	2
116 A. B. C. D.	Blue Gum	Tasmania	7,147	4
4,661 A.	Jimorassee	East India	7,131	1
54 *a*. *b*.	Myrtus Argentea	Queensland	7,126	2
222 A. B. C. D.	Bois Mulatre	Trinidad	7,116	4
52 A. B. C. D.	Apple Tree of Coast	New South Wales (N.)	7,107	4
104 A. B.	Found in the Bricklow Scrubs.	Queensland	7,098	2
171 A. B. C.	Galba	Trinidad	7,095	4
104 *a*. *b*.	Found in the Bricklow Scrubs.	Queensland	7,070	2
23 A. B.	Mountain Ash	Do.	7,070	2
75 A. B. C.	Pottosporum or Waddy Wood.	Tasmania	7,068	3
20 A. B. C.	Iron Wood	Liberia	7,061	3
3,949 A.	Hurdoo	East India	7,056	1
7,529 A.	Asna or Asan	Do.	7,056	1
3 A. B.	Coast Tea Tree	Victoria	7,055	2
113 *a*. *b*.	Mangrove	Queensland	7,042	2
10 *A. B. C. D.*	Woolly Butt	Victoria	7,035	4

TABLE V.—*continued.*

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
332 A. B. C. D.	Hog-berry	Jamaica	7,032	3
10,364 A.	Pinlay-oong	East India	7,028	1
10,386 A.	Nabhay	Do.	7,019	1
15 A. B. C.	Box	New South Wales (S.)	7,012	3
2,476 A.	Marsawa	East India	7,000	1
42 A*a*. A*b*. A*c*. A*d*		Victoria	6,983	4
280 A. B. C. D.	Genipa	Trinidad	6,983	4
365 A. B.	Wild Cinnamon	Jamaica	6,981	2
164 A. B. C. D.	Blood or Iron Wood	Do.	6,979	4
3,956 A.	Taman	East India	6,972	1
45 A*a*. A*b*.	Schmidelia Pyriformis	Queensland	6,944	2
6 A.	Chucxax	British Honduras	6,944	1
109 A. B.	Swamp Mahogany	New South Wales (N.)	6,944	2
338 A. B. C.	Spanish Elm	Jamaica	6,937	3
10,399 A. B.	Laisah	East India	6,934	2
207 A. B. C. D.	Canto	Trinidad	6,913	4
376 A. B.	Blood-red Wood	Jamaica	6,906	2
14 A. B. C. D.	Gully Tree Fern	Victoria	6,904	4
53 A. B.	Carissaponta	New South Wales (N.)	6,902	2
61 A. B. C. D.	Flindosa	Do. (N.)	6,901	4
384 A. B. C. D.	Black Mahogany or Blood-red Wood.	Jamaica	6,892	4
137 A. B.	Wallandun Deyern	New South Wales (S.)	6,888	2
7,677 A. B.	Tseek Tha	East India	6,888	2
81 A*a*. A*b*.	Croton Phebalioides, R.B.	Queensland	6,874	2
57 A. B. C. D.	Hickory	New South Wales (S.)	6,846	4
10,359 A. B.	Toung-tha-lay	East India	6,841	2
111 A. B. C. D.	Water Gum	New South Wales (N.)	6,804	4
84 A. B.	Satin Wood	Queensland	6,804	2
219 A. B. C. D.	Tamarind	Trinidad	6,804	4
20 A. B. C. D.	Blue Gum	New South Wales (S.)	6,778	4
17 A. B.	Tulip Tree	Queensland	6,776	2
168 A. B. C. D.	Surette	Trinidad	6,762	4
104 A. B.	Bitter Bark	New South Wales (N.)	6,748	2
169 A. B. C. D.	Paraman	Trinidad	6,741	4
69 A. B.	Found at Clarence and Richmond Brush Forest.	New South Wales (N.)	6,729	2
55 A. B.	Backhousia Citriodora	Queensland	6,720	2
3,951 A.	Pindar	East India	6,720	1
6,548 A.	Nabhay	Do.	6,720	1
3,955 A.	Kardahee	Do.	6,688	1
55 A. B.	Water Gum	New South Wales (S.)	6,684	2
7,090 A.	Kumpas	East India	6,683	1
6,551 A.	Lein	Do.	6,683	1
3,953 A.	Rohnee	Do.	6,664	1
9 A. B. C.		Victoria	6,664	2
90 A. B.	Pittosporaceæ	Queensland	6,636	2
114 A. B.	Brush Iron Bark	New South Wales (N.)	6,622	2
7 A. B. C.	Wishmore	Liberia	6,620	3
10,426 A. B. C.	Kuyon Teak	East India	6,611	3
60 A*a*.	Myrtus Australis	Queensland	6,608	1
3,957 A.	Tine or Sisso	East India	6,608	1
6,542 A.	Kokoh	Do.	6,608	1
5,604 A.	Gumbaree	Do.	6,608	1
10,430 A. B. C.	Tounbein	Do.	6,608	1
10,221 A.	Philibeet	Do.	6,608	1
14 A*a*. B*b*. C*c*. D*d*.	Gully Tree Fern	Victoria	6,598	4
17 A*a*. A*b*.	Tulip Tree	Queensland	6,580	2
42 A. B. C. D.		Victoria	6,575	4
25 A.	Roble Blanco	British Honduras	6,571	1
10,380 A.	Kokoh	East India	6,571	1
5,599 A.	Teak Sagoon	Do.	6,571	1
10,394 A. B.	Thabyehgjo	Do.	6,570	2
113 A. B.	Mangrove	Queensland	6,552	2
19 A. B. C. D.	Blue Gum of Camden	New South Wales (S.)	6,552	4
3,948 A.	Siris	East India	6,533	1
17 A. B. C.	Brimstone	Liberia	6,510	2
118 A*a*. A*b*.	Acacia Sapindoides	Queensland	6,496	2
127 A.	Tamarind Tree	New South Wales (S.)	6,468	1
46 A*a*. A*b*.	Catha Cunningham	Queensland	6,468	1
51 A. B. C. D.	Pencil Cedar, Turnip Wood.	New South Wales (N.)	6,454	4

TABLE V.—*continued.*

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
38 A. B. C. D.	Native Cherry Tree	Victoria	6,449	4
45 A. B.	Schmidelia Pyriformis	Queensland	6,440	2
16 A.	Flooded Gum	New South Wales (S.)	6,440	1
9,239 A.	Bayang Bada	East India	6,440	1
10,476 A. B. C.	Ngoo Tha	Do.	6,430	3
177 A. B. C. D.	Mountain Ash	New South Wales (S.)	6,426	4
76 A. B. C. D.	Black Wattle	Tasmania	6,423	4
6 A. B. C.	Eucalyptus	Victoria	6,421	3
23 A.	Yaxnic or Yaxnig	British Honduras	6,421	1
5 A*a*. A*b*. A*c*.	Mint Tree	Victoria	6,405	3
3,950 A.	Kaim	East India	6,384	1
59 A. B.	Prickly Tea Tree	New South Wales (S.)	6,384	2
6,547 A.	Khyong-yooh	East India	6,384	1
10,393 A. B.	Bambonay	Do.	6,384	2
166 A. B. C.	Soap-nut Tree	Trinidad	6,374	3
106 A. B.	Gerjeria Salicifolia	Queensland	6,370	2
60 A. B.	Myrtus Australis	Do.	6,356	2
10,361 A. B.	Poonyet	East India	6,346	2
5 A. B.	Larch	Russia	6,346	2
3 A. B. C. D.	Chicheur	British Honduras	6,332	4
3,954 A.	Londya	East India	6,328	1
79 A*a*. A*b*.	Common Tea Tree	Queensland	6,314	2
33 A. B. C. D.	Grey Box Tree	Victoria	6,302	4
6 A*a*. A*b*.	Forest Oak	Queensland	6,300	2
10,409 A. B.	Htein	East India	6,300	2
93, 94 A. B. C. D.	Myrtle	Tasmania	6,279	4
1,215 A.	Karee	East India	6,272	1
4,659 A.	Doodhcea Sagoon	Do.	6,272	1
206 A. B. C. D.	Bois de Fer	Trinidad	6,265	—
12 A. B. C.	True or Yellow Box of Camden.	New South Wales (S.)	6,259	3
3 A.	Larch	Russia	6,244	1
18 A.	Kaskat	British Honduras	6,216	1
4 A. B.	Larch	Russia	6,216	2
4,666 A.	Ghattoo	East India	6,197	1
59 A. B.	Myrtus Aemeniodes	Queensland	6,197	2
252 A. B. C.	White Mangrove	Jamaica	6,197	3
69 A. B.	Smooth-barked Gum	Queensland	6,188	2
93 A*a*. A*b*.	Stevenliaceæ	Do.	6,188	2
53 A*a*. A*b*.	Myrtus Trinervis	Do.	6,188	2
189 A. B. C. D.	Jack Fruit	Jamaica	6,183	4
7,619 A. B.	Ah Nan	East India	6,178	2
7,524 A.	Kaitha	Do.	6,160	1
201 A. B. C. D.	Laurier Blanc	Trinidad	6,160	2
4,557 A.	Seba Sagoon Teak	East India	6,160	1
16 A. B.	Cherry	Liberia	6,160	2
79 A. B.	Common Tea Tree	Queensland	6,132	2
80 A*a*. A*b*.	Bottle Brush Tree	Do.	6,104	2
52 A*a*. A*b*.	Hodgkinsonia Ovatiflora.	Do.	6,104	2
23 A. B.	Samah, or Sumach, or Divi-divi Bark.	East India	6,076	2
19 A. B. C.	Cedar	Liberia	6,066	2
4 A. B.	Gulgi	New South Wales (N.)	6,062	2
11 A. B. C. D.	Broad-leaved Tea Tree	Victoria	6,057	3
5,597 A.	Guringa	East India	6,048	1
2,488 A.	Mædang Saraya Batoo	Do.	6,048	1
46 A. B.	Catha Cunninghami	Queensland	6,020	2
22 A. B. C. D.	Mahogany	Liberia	6,016	3
12 D.	Gouiphan	New South Wales (N.)	5,992	1
2 A.	Larch	Russia	5,992	1
155 A. B.	Found at Illawarra, Brisbane Water.	New South Wales (S.)	5,980	2
84 A*a*. A*b*.	Satin Wood	Queensland	5,978	2
20 A*a*. A*b*. A*c*. A*d*.	Mahogany	Liberia	5,954	4
55 A*a*. A*b*.	Backhousia Citriodora	Queensland	5,950	2
7,234 A. B.		East India	5,936	2
44 A. B.	Black Myrtle	New South Wales (N.)	5,922	2
47 A*a*. A*b*.	Lime	Queensland	5,922	2
33 A. B.	Rosewood	Do.	5,908	2
97 A. B. C. D.	White Gum	Tasmania	5,896	4
201 A*a*. A*b*. A*c*. A*d*.	Laurier Blanc	Trinidad	5,894	2

TABLE V.—*continued.*

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiment.
69 Aa. Ab.	Smooth-barked Gum	Queensland	5,894	2
100 Aa. Ab.	Ebenaceæ	Do.	5,880	1
7,517 A.	Toon	East India	5,880	1
7,618 A. B.	Thin Gan	Do.	5,880	2
93 A. B.	Celtis Opaca	New South Wales (N.)	5,880	2
89 A. B.	Bursatia Spinosa	Queensland	5,866	2
35 A. B.	Cugerie	Do.	5,852	2
54 A. B.	Myrtus Argentea	Do.	5,852	2
70 Aa. Ab.	Blood Wood	Do.	5,838	2
41 A. B.	Cupania Pseudorilius	Do.	5,824	—
60 A. B. C.	Common Tea Tree	New South Wales (S.)	5,824	3
45 A. B. C. D.	Wattle	Victoria	5,817	4
108 A. B.	Beech, Brush Cherry	New South Wales (S.)	5,810	2
13 Aa. Ab.	Flindersia Bennettiana	Queensland	5,810	2
198 A. B. C. D.	Laurel	Trinidad	5,798	4
7,515 A.	Sakhoo	East India	5,796	1
50 A. B.	Maba Geninata	Queensland	5,796	2
7,075 A.	Jermalang	East India	5,796	1
83 Aa. Ab.	Rottlera	Queensland	5,776	2
248 A. B. C. D.	Cypre	Trinidad	5,761	4
18 A. B. C.	Blue Gum of Coast Districts.	New South Wales (S.)	5,740	3
26 A. B.	Cherry of the Clarence	New South Wales (N.)	5,740	2
32 Aa. Ab.	Plum Tree	Queensland	5,740	2
10,435 A. B.	Tinyooben	East India	5,740	2
25 A. B.	Cherry	Queensland	5,726	2
35 A. B. C. D.	Stringy Bark	Victoria	5,733	4
20 Aa. Ab.	Callhum	Queensland	5,712	2
80 A. B.	Bottle Brush Tree	Do.	5,684	2
47 A. B.	Lime	Do.	5,656	2
1 A. B.	Bogum-bogum	New South Wales (N.)	5,656	2
7 A. B. C.	—	Victoria	5,653	3
50 Aa. Ab.	Maba Geninata	Queensland	5,628	2
212 A. B.	Balsam Capivi	Trinidad	5,628	2
23 A. B. C. D.	Urra Wymbie	New South Wales (N.)	5,614	4
1 A. B. C.	Siricote	British Honduras	5,600	3
33 Aa. Ab.	Rosewood	Queensland	5,590	2
4,667 A.	Trosum	East India	5,572	1
187 A. B. C. D.	Gommier	Trinidad	5,555	4
7 A.	River Oak	Queensland	5,544	1
45 A. B.	Clarence and Richmond Brush.	New South Wales (N.)	5,488	2
43 A. B. C. D.	Swamp Mahogany	Do. (S.)	5,488	4
7,674 A. B.	Tonk Tsa	East India	5,488	1
1,214 A.	Doodhee	Do.	5,488	1
20 Ba. Bb.	Callhum	Queensland	5,474	2
13 A. B.	Flindersia Bennettiana	Do.	5,460	2
324 A. B.	Santa-Maria	Jamaica	5,432	2
51 A. B.	Cargillia Australis	Queensland	5,432	2
105 Aa. Ab.	Barkleya Syringiflia, F.M.	Do.	5,404	2
77 A. B.	Broad-leaved Tea Tree	Do.	5,390	2
105 A. B.	Barkleya Syringiflia, F.M.	Do.	5,384	2
59 Aa. Ab.	Myrtus Acmeniodes	Do.	5,376	2
7,527 A.	Reem	East India	5,376	1
27 A. B. C.	Native Tamarind	New South Wales (N.)	5,357	3
16 A. B. C. D.	Desert Cypress Pine	Victoria	5,338	2
17 A. B.	Pobo	New South Wales (N.)	5,334	2
112 Aa. Ab.	Capparidaceæ	Queensland	5,320	2
11 Aa. Ab.	Light Yellow Wood	Do.	5,320	2
35 Aa. Ab.	Cugerie	Do.	5,306	2
10,362 A. B.	Gyo	East India	5,301	2
11 A. B.	Light Yellow Wood	Queensland	5,296	2
351 A.	Musk Wood	Jamaica	5,292	1
99 Aa. Ab.	Bean Tree	Queensland	5,292	2
140 A. B.	Light Wood, Leather Jacket, Coach Wood.	New South Wales (S.)	5,264	2
2,490 A.	Niatoo	East India	5,264	1
31 A. B. C.	—	Victoria	5,257	3
10 A. B.	Box of Illawarra	New South Wales (N.)	5,250	2
52 A. B.	Hodgkinsonia Ovatiflora.	Queensland	5,236	2
10,419 A. B.	Tha-kloot-ma	East India	5,231	2
83 A. B.	Rottlera	Queensland	5,208	2
25 Aa. Ab.	Cherry	Do.	5,208	2

TABLE V.—*continued.*

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
21 A. B.	Cabbage Tree	Queensland	5,208	2
5 *a*. AB.	The Pine	Do.	5,208	2
25 A. B. C. D.	Urri Burrigundie	New South Wales (N.)	5,189	4
114 A. B.	Celtis Sp.	Queensland	5,180	2
53 A. B. C. D.	Apple Tree	New South Wales (S.)	5,161	4
93 A. B.	Stevenliaceæ	Queensland	5,152	2
5,605 A.	Jack "Punsee"	East India	5,152	1
9 A. B.	Santa-Martia	British Honduras	5,110	2
72 A. B. C.		East India	5,096	3
4,665 A.	Kowah	Do.	5,096	1
6 A. B. C. D.	Red Box	New South Wales (N.)	5,082	4
116 A. B.	Acacia Sp.	Queensland	5,068	2
76 *a*. *b*.	Prickly-leaved Tea Tree	Do.	5,054	2
4,672 A.	Kuhmee	East India	5,040	1
8 A. B.	Shingle Oak	Queensland	5,021	2
86 A. B.		Do.	4,984	1
43 *a*. *b*.	Tamarind Tree	Do.	4,956	2
56 *a*. *b*.	Eugenia Marginata	Do.	4,928	2
39 A. B.	Sassafras	Do.	4,900	2
38 *a*. *b*.	Grey Plum	Do.	4,900	2
70 A. B.	Blood Wood	Do.	4,872	2
22 A. B.	Yaxnic	British Honduras	4,872	2
6 A. B. C. D.	Riga Oak	Russia	4,862	4
35 A. B.	Undambie	New South Wales (N.)	4,858	2
31 *a*. *b*.	White Cedar	Queensland	4,816	2
9,238 A.		East India	4,816	1
4 A.	Cypress Pine	Queensland	4,816	1
30 *a*. *b*.	Beech	Do.	4,811	2
6,544 A.	Pouktheuma - myek-kyouk.	East India	4,788	1
7 A. B.	Buranna	New South Wales (N.)	4,788	2
7,665 A. B.	Dhane Eha	East India	4,760	2
7,077 A.	Sittola	Do.	4,760	1
62 A. B.	Box	Queensland	4,738	2
10,415 A.	Khaboung	East India	4,732	1
6,545 A.	Tounkatseet	Do.	4,704	1
28 A. B.	Mangrove	Queensland	4,685	2
5 A. B.	She Pine	Do.	4,676	2
15 A. B.	Silky Oak	Do.	4,592	2
62 *a*. *b*.	Box	Do.	4,564	2
227 A. B.	Angelin	Trinidad	4,554	2
120 A. B.	Teak Wood	New South Wales (S.)	4,536	2
36 A. B. C. D.	White Gum Tree	Victoria	4,519	4
19 A. B.	Cherry	New South Wales (N.)	4,508	2
76 A. B.	Prickly-leaved Tea Tree	Queensland	4,480	2
10,427 A. B.	Yemaneh	East India	4,452	2
30 A. B.	Beech	Queensland	4,452	2
136 A. B. C. D.	White Maple	New South Wales (S.)	4,433	3
15 *a*. *b*.	Silky Oak	Queensland	4,368	2
186 A. B.	Mango	Trinidad	4,293	2
28 *a*. *b*.	Mangrove	Queensland	4,270	2
118 A. B.	Acacia Sapindoides	Do.	4,270	2
10,438 A. B. C.	Nasha	East India	4,268	3
37 A. B.	Capparis Mitchelli	Queensland	4,256	2
39 *a*. *b*.	Sassafras	Do.	4,214	2
8 *a*. *b*.	Shingle Oak	Do.	4,186	2
4,670 A.	Bher	East India	4,181	1
38 A. B.	Grey Plum	Queensland	4,158	2
31 A. B.	White Cedar	Do.	4,144	1
4,663 A.	Saj	East India	4,144	1
236 A. B. C.	South American Acacia	Jamaica	4,134	3
56 A. B.	Eugenia Marginata	Queensland	4,116	2
75 A. B. C.	Mungkudu	East India	4,069	3
22 A. B. C. D.	Woorridii	New South Wales (N.)	4,069	3
15 A. B. C.	Musk Tree	Victoria	4,032	3
68 A. B.	Pine Brush	New South Wales (N.)	3,976	2
43 A. B.	Tamarind Tree	Queensland	3,920	2
92 A. B.	Anacardiaceæ	Do.	3,920	1
102 A. B.	Ebenaceæ	Do.	3,892	2
6,549	Titseim	East India	3,845	1
125 A. B. C. D.	Maiden's Blush, Ladies' Blush.	New South Wales (S.)	3,769	4
87 A. B.	Leichhardt's Wood	Queensland	3,752	2
367 A. B.	White Cedar	Jamaica	3,598	2

TABLE V.—*continued.*

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiment.
40 A. B. C. D.	Coast Honeysuckle	Victoria	3,574	3
171 A. B. C. D.	White Beech, Beech	New South Wales (S.)	3,549	4
10,429 A.	Momakha	East India	3,547	1
139 A.	White Myrtle, Blue Ash, Ash.	New South Wales (S.)	3,472	1
10 A. B.	Red Cedar	Queensland	3,472	2
102 A*a*. A*b*.	Ebenaceæ	Do.	3,444	2
10 A*a*. A*b*.	Red Cedar	Do.	3,430	2
16 A*a*. A*b*.	Beef Wood	Do.	3,248	2
92 B*a*. B*b*.	Anacardiaceæ	Do.	3,220	1
99 A. B.	Bean Tree	Do.	3,318	2
16 A. B.	Beef Wood	Do.	3,318	2
13 A*a*. A*b*.	Coast Tea Tree	Victoria	2,958	2
10,422 A. B.	Thanat	East India	2,856	2
39 A*a*. A*b*. A*c*. A*d*.	Spurious Mulberry Tree	Victoria	2,576	1
37 A*a*.	Capparis Mitchelli	Queensland	2,408	1
24 A. B.	Pinus Picea	Austria	..	..
24 A*a*. A*b*.	Do.	Do.	..	..
20 A. B. C. D.	Do.	Do.	..	..
21 A. B. C.	Do.	Do.	..	..
22 A. B. C. D.	Do.	Do.	..	..
26 A*a*. A*b*. A*c*. A*d*.	Hitchia	British Guiana	..	..
26 A. B. C. D.	Green Heart	Do.	..	..
10 A. B.	Pasak	British Honduras	..	..
1 A.	Halmolilli	Ceylon	..	..
4 A.	Satin Wood	Do.	..	..
2 A.	Iron or Beef Wood	Do.	..	..
3 A.	Taminig	Do.	..	..
145 A.	Bou	East India	..	..
7,525 A.	Aum	Do.	..	..
10,465 A. B.	Dedoap Tha	Do.	..	..
10,421 A.	Kyoun-douk	Do.	..	..
10,366 A. B.	Yimma	Do.	..	..
7,070 A.	Bahkoh	Do.	..	..
7,064 A.	Jurai	Do.	..	..
9,240 A.	Brangan	Do.	..	..
7,089 A.	Bintaling	Do.	..	..
9,247 A.	-	Do.	..	..
7,522 A.	Arar	Do.	..	..
1,771 A.	Toon	Do.	..	..
2,462 A. B.	Balow	Do.	..	..
1,772 A.	Chump	Do.	..	..
1,219 A.	Toon	Do.	..	..
5 A. B. C. D.	-	Hungary	..	..
8 A. B. C. D.	Betula Alba	Do.	..	..
1 A. B. C. D.	Acer Platanoides	Do.	..	..
4 A. B. C. D.	Fraxinus Excelsior	Do.	..	..
15 A. B.	Salix Caprea	Do.	..	..
17 A. B. C. D.	Fagus Sylvatica	Do.	..	..
25 A. B. C. D.	-	Do.	..	..
2 A. B. C. D.	Sorbus Terminalis	Do.	..	..
16 A. B.	Salix Vimanalis	Do.	..	..
26 A. B.	-	Do.	..	..
13 A. B. C. D.	Quercus	Do.	..	..
28 A. B.	-	Do.	..	..
27 A. B. C.	-	Do.	..	..
3 A. B. C. D.	-	Do.	..	..
14 A. B. C. D.	Carpinus Betulus	Do.	..	..
11 A. B.	Pyrus Malus	Do.	..	..
7 A. B. C. D.	Acer pseudo Platanus	Do.	..	..
6 A. B. C. D.	Do.	Do.	..	..
10 A. B. C. D.	-	Do.	..	..
9 A. B. C. D.	Quercus Robur	Do.	..	..
312 A. B. C.	Juniper Cedar	Jamaica	..	..
343 A. B. C.	Cassada Wood	Do.	..	..
378 A.	Fig Tree, Wild	Do.	..	..
329 A. B. C.	Galla Pear	Do.	..	..
8 A. B.	Iron Bark	New South Wales, Hunter River	..	..
9 A.	Blue Gum	Do. Do.	..	..
9 A.	Pine	Do. Do.	..	..
7 A*a*.	Tea Tree	Do. Do.	..	..
5 A. B.	Iron Bark	Do. Do.	..	..

TABLE V.—*continued.*

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiment.
6 B.	Mahogany	New South Wales, Hunter River.	..	..
3 A.	Grey Gum	Do. Do.	..	..
1 A.	Blue Gum	Do. Do.	..	..
7 A.	Tea Tree	Do. Do.	..	..
15 A. B. C. D.	Moreton Bay Pine	New South Wales (N.)	..	..
112 A. B.	Capparidaceæ	Queensland	..	..
100	- - -	Do.	..	..
114 A*a*. A*b*.	Celtis Sp.	Do.	..	..
95 A. B.	- - -	Do.	..	..
101	- - -	Do.	..	..
18 A. B.	Aralia Elegans	Do.	..	..
14 A. B.	Flindersia Selwiniana	Do.	..	..
92 A*a*. A*b*.	Anacardiaceæ	Do.	..	..
1 A. B. C. D.	Riga Fir	Russia	..	..
556 A. B. C.	Blue Gum	Tasmania	..	..
102 A. B. C. D.	Silver Wattle	Do.	..	..
67 A. B. C.	Sassafras	Do.	..	..
167 A. B. C.	Cacapoule	Trinidad	..	..
162 A. B.	Mahoe	Do.	..	..
180 B. C. D.	Crab Tree	Do.	..	..
208 A. B. C. D.	Canto	Do.	..	..
260 A. B.	Almond Tree	Do.	..	..
158 A. B. C. D.	Garlic Pear	Do.	..	..
205 A. B. C. D.	Canturo	Do.	..	..
163 A.	Thespesia Populnea	Do.	..	..
44 A. B. C. D.	Honeysuckle	Victoria	..	..
12 A. B. C. D.	Do.	Do.	..	..
39 A. B. C. D.	Spurious Mulberry Tree	Do.	..	..

TABLE VI.—Experiments for ascertaining the Crushing Weight in a Transverse Direction of the Fibre of the Woods.

Table of Crushing Strains, across the Fibre, showing the Amount yielded at every 1,120 lbs.

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
AUSTRIA.												
20 A.	- - - - - -	—	—	—	—	—	—	—	—	—	—	No experiments for this country.
20 B.	- - - - - -	—	—	—	—	—	—	—	—	—	—	
20 C.	- - - - - -	—	—	—	—	—	—	—	—	—	—	
20 D.	- - - - - -	—	—	—	—	—	—	—	—	—	—	
21 A.	- - - - - -	—	—	—	—	—	—	—	—	—	—	
21 B.	- - - - - -	—	—	—	—	—	—	—	—	—	—	
21 C.	- - - - - -	—	—	—	—	—	—	—	—	—	—	
22 A.	- - - - - -	—	—	—	—	—	—	—	—	—	—	
22 B.	- - - - - -	—	—	—	—	—	—	—	—	—	—	
22 C.	- - - - - -	—	—	—	—	—	—	—	—	—	—	
22 D.	- - - - - -	—	—	—	—	—	—	—	—	—	—	
24 A.	- - - - - -	—	—	—	—	—	—	—	—	—	—	
24 B.	- - - - - -	—	—	—	—	—	—	—	—	—	—	
24 A*a*.	- - - - - -	—	—	—	—	—	—	—	—	—	—	
24 B*a*.	- - - - - -	—	—	—	—	—	—	—	—	—	—	
BRITISH GUIANA.												
4 A.	Wadaduri, or Monkey Nut -	·037	·153	·233 s	..	..	..	..	..	..	4,312	
4 B.	Do. - - - -	·050	·168	·259 s	..	..	..	..	..	..	4,331	
4 C.	Do. - - - -	·076	·189	·285 s	..	..	..	..	..	..	4,452	
4 D.	Do. - - - -	·048	·174	·271	·361 s	..	..	..	..	..	5,040	
5 A.	Kakaralli - - - -	·135 s	..	..	..	..	..	..	..	..	1,904	
5 B.	Do. - - - -	—	—	—	—	—	—	—	—	—	—	Split half through.
7 A.	Moraballi, or Mooraballi -	·069	·206	·328 s	·486	·520	·587	·613	·636	·659	10,080	Crushed.
7 B.	Do. - - - -	.037	·137	·237	·321	·396 s	..	..	..	..	6,356	
7 C.	Do. - - - -	·016	·052	·181 s	·367	..	..	..	..	..	5,413	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
	BRITISH GUIANA.											
7 D.	Moraballi, or Mooraballi	·024	·098	·278 s	·412	·499	·542	·566	·591	·601	10,080	
14 A.	Houbaballi	·244	·378	·431 s	..	..	..	..	..	..	4,032	
14 B.	Do.	·194 s	..	..	..	..	..	..	..	..	1,568	
14 C.	Do.	·267	·495 s	..	..	..	..	..	..	..	2,520	
14 D.	Do.	..	..	..	..	..	..	..	..	..	1,120	Not split through; went at ¼ a ton.
15 A.	Mora	·050	·171	·297 s	..	..	..	..	..	..	4,452	
15 B.	Do.	·019	·091 s	·241	..	..	..	..	..	..	3,696	
15 C.	Do.	·018	·076	·193	·296 s	..	..	..	..	..	4,900	
15 D.	Do.	·021	·165 s	·381	·504	·551	·574	·598	·614	·630	10,080	Crushed.
16 A.	Burneh, Bully, or Bullet Tree	·009	·022	·098 s	..	..	..	..	..	..	3,612	
16 B.	Do.	·008	·015	·061 s	..	..	..	..	..	..	3,864	
16 C.	Do.	·008	·014	·042 s	..	..	..	..	..	..	3,752	
16 D.	Do.	·010	·023 s	..	..	..	..	..	..	..	3,061	
18 A.	Caraba, or Crab-wood	·144	·305	·398 s	..	..	..	..	..	..	4,144	
18 B.	Do.	·027	·222	·465 s	·516	..	..	..	..	..	4,853	
18 C.	Do.	·100	·313	·482 s	·526	·567	..	..	..	..	6,608	
20 A.	Cumara, or Tonka	·010	·014	·022	·044 s	..	..	..	..	..	5,563	
20 B.	Do.	·009	·014	·027	·098 s	..	..	..	..	..	5,404	
20 C.	Do.	·008	·012	·018	·032	·077 s	..	..	..	..	6,496	
20 D.	Do.	·009	·014	·026	·077 s	..	..	..	..	..	5,096	
26 A*a*.	Green Heart											
26 A*b*.	Do.											
26 A*c*.	Do.											
26 A*d*.	Do.											
26 A.	Sipiri, or Green Heart											
26 B.	Do.											
26 C.	Do.											
26 D.	Do.											
29 A.	Hitchia	·036 s	..	..	..	..	..	..	..	..	1,792	
29 B.	Do.											
29 C.	Do.											

TABLE VI.— *continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
	BRITISH HONDURAS.											
1 A.	Siricote	·013	·033	·166	·374 s	·434	·491	·534	·552	·572	10,080	A little under the inch in width.
1 B.	Do.	·022	·103	·220	·295	·348	·409	·455 s	..	..	8,661	
1 C.	Do.	·019	·093	·206	·269	·315	·402 s	·451	..	..	8,400	
2 A.	Cranadilla	·008	·017	·056	·123 s	..	..	..	..	..	5,544	
2 B.	Do.	·008	·013	·031	·082 s	..	..	..	..	..	5,152	
3 A.	Chicheur	..	..	..	..	..	..	..	..	..	..	Split.
3 B.	Do.	·076	·215	·340	·395 s	·469	..	..	..	..	6,272	
3 C.	Do.	·128	·311 s	·450	·632	·653	·669	·686	·697	·706	10,080	Bk. 3. p. 24.
3 D.	Do.	·133	·298	·370	·410 s	·454	·479	..	..	..	7,056	
4 A.	Canasin	·007	·011	·042	·104 s	..	..	..	..	..	5,264	
4 B.	Do.	·008	·016	·073	·158 s	..	..	..	..	..	4,844	
6 A.	Chucxax	·083	·279	·382	·446 s	·479	..	..	..	..	6,272	
6 B.												
8 A.	Pimento	·017	·054	..	..	..	..	..	..	..	3,332	
8 B.												
9 A.	Santa Martia	·159	·434 s	..	..	..	..	..	..	..	2,464	
9 B.	Do.	·402	·501	·552	·579 s	·600	·614	·628	·638	·653	10,080	
10 A.	Pasak											
10 B.	Do.											
11 A.	Chucya	·022	·397 s	·512	·559	·602	·632	·658	·670	·683	10,080	Crushed.
11 B.												
13 A.	Bullet Wood	·009	·016	·044	·130 s	..	..	..	..	..	4,592	
13 B.	Do.	·011	·020	·058	·104 s	·169	..	..	..	..	5,796	
14 A.	Tastab	·020	·176	·394 s	·460	..	..	..	..	..	5,544	
14 B.	Do.	·080	·254	·343	·388	·421	·448	·464 s	..	..	8,848	
15 A.	Mabinjuh or Mabinjuj	·014	·136 s	..	..	..	..	..	..	..	2,576	
15 B.												
16 A.	Subin or Cubin	·039	·145	·232	·280 s	..	..	..	..	..	5,376	
16 B.	Do.	·036	·127	·211	·262	·322 s	..	..	..	..	6,347	
17 A.	Sapodilla	·022	·097	·184 s	..	..	..	..	..	..	4,256	
17 B.												

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
BRITISH HONDURAS.												
18 A.	Kaskat	·061	·197	·327 s	..	..	..	..	..	..	4,368	
18 B.												
21 A.	Caoutchouc	·008	·011	·016	·027	·064 s	..	..	..	..	6,309	
21 B.	Do.	·007	·010	·015	·023	·045 s	..	..	..	..	6,300	
21 C.	Do.	·008	·013	·038 s	..	..	..	..	..	..	4,368	Next to 545.
21 D.	Do.	·009	·018	·078 s	..	..	..	..	..	..	3,948	Nearest heart, and least number of veins.
22 A.	Yaxnic	·321	·440	·055	·545 s	·572	·590	·609	·624	..	9,520	
22 B.	Do.	·151	·345	·440	·485	·514	·540	·560	·573	·587	10,080	Started only a little.
23 A.	Yaxnic or Yaxnig	·327	·456 s	·506	·553	·578	·604	·647	·690	·709	10,080	
23 B.	Do.											
25 A.	Roble Blanco	·116	·272	·364	·424	·467	·516 s	·560	·591	..	9,520	
25 B.												
CEYLON.												
1 A.	Halmolilli	—	—	—	—	—	—	—	—	—	—	No experiments for this country.
2 A.	Iron or Beef Wood	—	—	—	—	—	—	—	—	—	—	
3 A.	Taminig	—	—	—	—	—	—	—	—	—	—	
4 A.	Satin Wood	—	—	—	—	—	—	—	—	—	—	
EAST INDIA.												
23 A.	Samak or Sumach, or Divi-dur Bark.	·174	·310	·400	·444	·476	·500	·516	·532	·552	10,080	
23 B.	Do. do.	·036	·236	·376	·456 s	·488	·524	·576	·600	..	9,520	
30 A.		·018	·173 s	..	..	..	..	..	..	..	2,800	
30 B.		·020	·175 s	..	..	..	..	..	..	..	2,464	
30 C.		·018	·125 s	..	..	..	..	..	..	..	2,576	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
EAST INDIA.												
72 A.	- - - - - - -	·244	·478 s	·587	·622	·657	·698	·721	·734	·747	10,030	
72 B.	- - - - - - -	·320	·532 s	..	..	..	..	..	..	..	2,912	
72 C.	- - - - - - -	·321	·485	·570	·622	·645	·750	·691	·704	·718	10,080	
75 A.	Mungkudu - - -	·414	·500	·549 s	·589	·616	..	..	..	..	6,048	
75 B.	Do. - - - -	·429	·509	·560	·592 s	..	..	..	..	..	5,115	
75 C.	Do. - - - -	·392	·472	·514	·558	..	..	..	..	..	5,488	
80 A.	- - - - - - -	·008	·024	·090	·232	..	..	..	..	..	4,741	
80 B.	- - - - - - -	·007	·014	·057	·136	..	..	..	..	..	5,572	
86 A.	Woodupnar - - -	·109	·254 s	..	..	..	..	..	..	..	2,716	
86 B.	- - - - - - -	·121	·305 s	..	..	..	..	..	..	..	2,576	
104 A.	- - - - - - -	·038	·186 s	..	..	..	..	..	..	..	3,248	
104 B.	- - - - - - -	·032	·196	·414	..	..	..	..	..	..	3,880	
104 C.												
140 A.	Sandal Wood - - -											
140 B.	Do. - - - -	·009	·022	·134 s	·300	·430	..	..	..	..	6,048	
144 A.	Bengha - - - -	·025	·179	·337 s	..	..	..	..	..	..	3,696	
144 B.												
145 A.	Bon - - - - -	..	..	..	..	..	..	..	..	..	..	No experiment.
147 A.	Terwah - - - -	·008	·015 s	..	..	..	..	..	..	..	2,800	
147 B.												
185 A.	Black Wood - - -	·008	·025	·142 s	..	..	..	..	..	..	3,696	
185 B.												
1,214 A.	Doodhee - - - -	·017	·242 s	·484	..	..	..	..	..	..	3,920	
1,214 B.												
1,215 A.	Karee - - - -	·014	·120 s	·273	·370	..	..	..	..	..	4,592	
1,215 B.												
1,219 A.	Toon - - - -											
1,219 B.												
1,220 A.	Unjun - - - -	·013	·020	·059	·102 s	..	..	..	..	..	5,544	
1,220 B.	- - - - - - -	·010	·035	·086	·156 s	..	..	..	..	..	5,152	
1,771 A.	Toon - - - -											
1,771 B.												

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
EAST INDIA.												
2,345 A.	Tenasserim Mahogany - -	·006	·014	·042 s	..	..	..	..	..	..	4,405	
2,345 B.												
2,465 A.	Marabow - - - -	·025 s	..	..	..	..	..	..	..	..	1,848	
2,465 B.												
1,772 A.	Chump - - - -											
1,772 B.												
2,462 A.	Balow - - - -	..	..	..	..	..	..	..	..	..	..	No experiments.
2,262 B.												
2,468 A.	Pannaga - - - -	·008	·012	·053 s	..	..	..	..	..	..	3,621	
2,468 B.												
2,470 A.	Klat Mera - - - -	·243 s	..	..	..	..	..	..	..	..	1,232	
2,470 B.												
2,471 A.	Kasso - - - -	·007	·012	..	..	..	..	..	..	..	2,967	
2,471 B.												
2,474 A.	Brombong - - - -	·010 s	..	..	..	..	..	..	..	..	1,960	
2,474 B.												
2,476 A.	Marsawa - - - -	·366 s	..	..	..	..	..	..	..	..	1,204	
2,476 B.												
2,488 A.	Madang Saraya Batoo - -	·474 s	·614	·660	·688	·712	·726	·742	·750	·760	10,080	
2,488 B.												
2,490 A.	Niatoo - - - -	·581	·639	·695	·717	·733	·754	·760	·768	·776	10,080	
2,490 B.												
2,493 A.	Klaydang - - - -	·268 s	..	..	..	..	..	..	..	..	1,232	
2,493 B.												
3,948 A.	Siris - - - -	·386 s	·566	·628	·667	·688	·709	·726	·736	·746	10,080	
3,948 B.												
3,949 A.	Hurdoo - - - -	·013	·356 s	·592	·632	·646	·670	·685	·701	·711	10,080	
3,949 B.												
3,950 A.	Kaim - - - -	·038	·495 s	..	..	..	..	..	..	..	2,800	
3,950 B.												
3,951 A.	Pindra - - - -	·015	·105	·260	·349 s	·440	..	..	..	..	6,160	
3,951 B.												

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
EAST INDIA, BK. 2. P. 147.												
3,952 A.	Jymungul - - - -	·055	·252 s	·432	·570	·598	·626	·653	·664	·673	10,080	
3,952 B.												
3,953 A.	Rohnee - - - -	·006	·014	·027	·106	·176	·248 s	..	..	..	6,832	
3,953 B.												
3,954 A.	Londya - - - -	·053 s	..	..	..	..	..	..	..	..	1,456	
3,954 B.												
3,955 A.	Kardahee - - - -	·011	·100 s	..	..	..	..	..	..	..	3,248	
3,955 B.												
3,956 A.	Taman - - - -	·115	·354 s	·505	·572	·619	·605	·658	·670	·682	10,080	
3,956 B.												
3,957 A.	Tine or Sisso - - -	·019	·074	·206	·310	·380	..	..	..	..	6,048	
3,957 B.												
3,961 A.	Mowah - - - -	·013	·048	·144	·216	·270	·320 s	..	..	..	6,720	
3,961 B.												
4,657 A.	Seba Sagoon Teak - -	·053	·235 s	..	..	..	..	..	..	..	2,464	
4,657 B.												
4,658 A.	Putteerees Sagoon - -	·110 s	..	..	..	..	..	..	..	..	2,165	
4,658 B.												
4,659 A.	Doodhees Sagoon - -	·232	·379 s	..	..	..	..	..	..	..	2,716	
4,659 B.												
4,660 A.	Surreye - - - -	·012	·116 s	..	..	..	..	..	..	..	2,912	
4,660 B.												
4,661 A.	Jiomrassee - - -	·018	·200 s	·377	..	..	..	..	..	..	4,181	
4,661 B.												
4,662 A.	Dhengum - - - -	·028	·116 s	..	..	..	..	..	..	..	2,688	
4,662 B.												
4,663 A.	Saj - - - - -	·114	·246	·336	·391 s	·450	..	..	..	..	6,664	
4,663 B.												
4,664 A.	Beejah - - - -	·013	·136 s	..	..	..	..	..	..	..	3,248	
4,664 B.												
4,665 A.	Kowah - - - -	·065	·157	·236	·301	·347 s	·434	..	..	..	7,504	
4,665 B.												

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
EAST INDIA.												
4,666 A.	Ghattoo	·011	·062	·222 s	..	..	..	..	..	..	3,864	
4,666 B.												
4,667 A.	Trosum	·014	·167	·320 s	·441	·538	·592	·639	·665	·674	10,080	
4,667 B.												
4,668 A.	Dhowrah	·006	·024	·164 s	..	..	..	..	..	..	3,556	
4,668 B.												
4,670 A.	Bher	·112	·367 s	·486	·616	·694	·713	·732	·744	·754	10,080	Crushed.
4,670 B.												
4,671 A.	Banbul	·009	·019	·103 s	·360	·485	·568	·600	·612	·630	10,080	
4,671 B.												
4,672 A.	Khumee	·391	·504	·564	·595	·618 s	..	..	..	..	6,384	
4,672 B.												
4,754 A.	Ironwood	·008	·015	·061 s	..	..	..	..	..	..	3,556	
4,754 B.	Do.	·007	·011	·028 s	..	..	..	..	..	..	3,995	
5,597 A.	Guringa	·156	·356 s	..	..	..	..	..	..	..	2,828	
5,597 B.												
5,598 A.	Sál	·018	..	..	..	..	..	..	..	..	1,932	
5,598 B.												
5,599 A.	Teak Sajoon	·203	·340 s	..	..	..	..	..	..	..	2,725	
5,599 B.												
5,600 A.	Sissoo Black	·014	·056 s	·218	..	..	..	..	..	..	3,556	
5,600 B.												
5,601 A.	Burdur	·008	·038	·248	·331	·398 s	..	..	..	..	6,664	
5,601 B.												
5,602 A.	Abloss or Kándoo	·019	·040	·071	·117	·158	·193	·234	·246 s	..	9,968	
5,602 B.												
5,603 A.	Assán	·008	·038	·104	·176	·240 s	·357	..	..	..	7,252	
5,603 B.												
5,604 A.	Gumbaree	·146	·334	·478 s	..	..	..	..	..	..	4,480	
5,604 B.												
5,605 A.	Jack Punsee	·010	·056	·187 s	·344	·425	·478	·519	·543	·564	10,080	Started only a little.
5,605 B.												

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
EAST INDIA.												
5,606 A.	Red Sissoo	·012	·040	·139	·242 s	..	..	..	..	..	5,432	
5,606 B.												
5,607 A.	Peasal	·008	·012 s	..	..	..	..	..	..	..	5,175	
5,607 B.												
5,608 A.	Koozoom	·013	·298 s	..	..	..	..	..	..	..	2,352	
5,608 B.												
5,609 A.	Keehar	·008	·016	·055	·133 s	..	..	..	..	..	5,264	
5,609 B.												
5,610 A.		·008	·020	·213 s	..	..	..	..	..	..	3,892	
5,610 B.												
6,542 A.	Kokoh	·199 s	·405	·487	·609	·646	·670	·684	·698	·708	10,080	Severe fracture.
6,542 B.												
6,544 A.	Poukiheuma-my-ek-Kysuk	·262	·438	·572								
6,544 B.												
6,545 A.	Tounkatseet	·120	·309 s	·451	·560	·602	·636	·658	·672	·684	10,080	
6,545 B.												
6,547 A.	Khyong-yook	·092	·294	·407	·471	·518 s	·545	·571	·586	·609	10,080	Only went at sides a little.
6,547 B.												
6,548 A.	Nabhay	·144 s	..	..	..	..	..	..	..	..	1,829	
6,548 B.												
6,549 A.	Titseim	·400	·558 s	·623	·671	..	..	..	..	..	5,208	
6,549 B.												
6,550 A.	Paugah	·021 s	..	..	..	..	..	..	..	..	2,128	
6,550 B.												
6,551 A.	Lein	·247 s	..	..	..	..	..	..	..	..	1,988	
6,551 B.												
7,064 A.	Jurai											
7,064 B.												
7,065 A.	Gaham Bada	·009	·021	·154 s	..	..	..	..	..	..	6,304	
7,065 B.												
7,066 A.	Rungas	·087	·287	·452 s	·520	..	..	..	..	..	..	
7,066 B.												

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
EAST INDIA.												
7,067 A.	Bia-babi	·010	..	..	..	..	..	..	..	..	2,203	
7,067 B.												
7,070 A.	Bahkoh											
7,070 B.												
7,071 A.	Murbow	·026	·164 s	..	..	..	..	..	..	..	2,352	
7,071 B.												
7,072 A.	Klat	..	..	..	..	..	..	..	..	..	928	
7,072 B.												
7,075 A.	Jennalang	·003	·248	·445 s	..	..	..	..	..	..	3,920	
7,075 B.												
7,077 A.	Sittola	·414	·538	·588	·618	·634	·657 s	..	..	..	7,765	
7,077 B.												
7,086 A.	Dammer-laut	·098 s	..	..	..	..	..	..	..	..	1,680	
7,086 B.												
7,089 A.	Bintaling	·009	·038	..	..	..	..	..	..	..	2,576	
7,089 B.												
7,090 A.	Kumpas	·313	·417	·490	·519	·564 s	·624	·648	·670	·689	10,080	
7,090 B.												
7,092 A.	Madang Serai											
7,092 B.												
7,093 A.	Gading-gading	·012	·047	·201	·356 s	..	..	..	..	..	5,208	
7,093 B.												
7,234 A.		·014	·114	·359 s	..	..	..	..	..	..	3,808	
7,234 B.		·038	·239	·353	·424	·479 s	·524	·548	..	..	8,316	
7,515 A.		·176	·336	·476	·589	·634	·662	·696	·709	·721	10,080	Severe fracture.
7,515 B.												
7,517 A.	Toon	·207	·406	·527	·572	·639	·678	·701	·716	·728	10,080	Severe fracture.
7,517 B.												
7,514 A.	Sakhoo	·021	·234 s	..	..	..	..	..	..	..	2,240	
7,514 B.	Do.	·019 s	..	..	..	..	..	..	..	..	2,016	
7,520 A.		·010	·018	·042 s	..	..	..	..	..	..	4,368	
7,520 B.												

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
EAST INDIA.												
7,522 A.	Arar											
7,522 B.												
7,524 A.	Kaitha	·091	·283	·406 s	..	..	..	..	..	..	4,368	
7,524 B.												
7,527 A.	Neem	·031	·145	·297 s	..	..	..	..	..	..	3,612	
7,527 B.												
7,525 A.	Aum											
7,525 B.												
7,529 A.	Asna or Asan	·146	·301	·437 s								
7,529 B.												
7,531 A.		·028	·072 s	..	..	..	..	..	..	..	2,651	
7,531 B.												
7,618 A.	Thin Gan	..	..	..	..	..	..	..	..	..	1,008	
7,618 B.	Do.	·306 s	..	..	..	..	..	..	..	..	1,755	
7,619 A.	Ah Nan	·131	·344	·436	·480	·506	·529	·553 s	·575	..	9,520	Went very suddenly.
7,619 B.	Do.	·089	·326	·434 s	·488	·514	·536	·569	..	..	7,868	
7,622 A.	Oak An	·012	..	..	..	..	..	..	..	..	2,156	
7,622 B.	Do.	·012	·185 s	·590	·620	·648	·672	·683	·694	·706	..	Crushed.
7,622 C.	Do.	·012	·217 s	..	..	..	..	..	..	..	2,772	
7,622 D.	Do.	·011	·071	·302 s	..	..	..	..	..	..	3,948	
7,629 A.	Boom Mai Za	·072	·123	·257	·369 s	..	..	..	..	..	5,068	
7,629 B.	Do.	·008	·014	·064	..	..	..	..	..	..	4,060	
7,665 A.	Dhane Eha	·013	·185	·437 s	·495	·557	·579	·609	·621	·630	10,080	
7,665 B.	Do.	·017	·392 s	·524	·597	·628	·646	·660	·673	·685	10,080	
7,674 A.	Tonk Tsa	·031	·256	·481 s	·594	·640	·686	·700	·716	·727	10,080	Crushed.
7,674 B.	Do.											
7,677 A.	Tseek Tha	·052	·163	·293	·405 s	..	..	..	..	..	5,563	
7,677 B.	Do.	·119	·279	·393	·442	·484	·516	·535 s	..	..	8,372	
9,238 A.		·116	·277	·445	·519	·566	·612	·657	·665	·675	10,080	
9,239 A.	Bayang Bada	..	..	..	..	..	..	..	..	..	1,008	
9,239 B.												
9,240 A.	Brangan											

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
EAST INDIA.												
9,240 B.												
9,247 A.												
9,247 B.												
10,221 A.	Philibeet	·076	·299 s	·431	·546	·625	·640	·660	·671	·680	10,080	Crushed.
10,221 B.												
10,225 A.	Saul	·100	·244	·393 s	..	..	..	..	..	..	3,584	
10,225 B.												
10,226 A.	Sissoo	·032	·223 s	·483	·582	·610	·653	·672	·688	·698	10,080	Crushed.
10,226 B.												
10,348 A.	Petwoon	·021	·079	·214 s	..	..	..	..	..	..	3,724	
10,348 B.	Do.	·019	·060	·178 s	..	..	..	..	..	..	3,995	
10,349 A.	Dwa Nee	·112										
10,349 B.	Do.	·078	..	..	..	..	..	..	..	..	1,344	
10,352 A.	Eng	·015	·052 s	..	..	..	..	..	..	..	3,323	Not thoroughly dry.
10,352 B.	Do.	·012	·050	·310 s	·418	·513	·542	·574	·586	·604	10,080	
10,354 A.	Thingan	·497 s	·551	·596	·624	·647	·676	·682	·690	·700	10,080	
10,354 B.	Do.	·521 s	·593	·634	·663	·683	·694	·710	·718	·726	10,080	Crushed.
10,355 A.	Thurgadoe	·102										
10,355 B.	Do.	·101	..	..	..	..	..	..	..	..	1,764	
10,356 A.	Engyin	·203	..	..	..	..	..	..	..	..	2,128	
10,356 B.	Do.	·060	·212 s	..	..	..	..	..	..	..	1,829	
10,357 A.	Theya	·012 s	..	..	..	..	..	..	..	..	2,464	
10,357 B.											2,128	
10,358 A.	Gangan	·009	·015	·066 s	..	..	..	..	..	..	4,144	
10,358 B.	Do.	·008	·013	·024 s	·130	..	..	..	..	..	4,816	
10,359 A.	Toung-tha-lay	·088	·280	·427 s	..	..	..	..	..	..	3,836	
10,359 B.	Do.											
10,361 A.	Poonyet	..	..	..	..	..	..	..	..	..	868	
10,361 B.	Do.	·554 s	·616	·662	·683	·700	·714	·724	·732	·739	10,080	Crushed.
10,362 A.	Gyo	·157 s	..	..	..	..	..	..	..	..	1,568	
10,362 B.	Do.	·021	·266 s	..	..	..	..	..	..	..	2,688	
10,364 A.	Pinlay-oong	·045	·221	·372	·460 s	·502	·530	·548	·564	·587	10,080	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
EAST INDIA.												
10,364 B.	- - - - -											
10,366 A.	Yimma - - - -											
10,366 B.	Do. - - - -											
10,367 A.	Boomayza - - - -	·012	·051	·112	·176	·244 s	·292	·369	·434	·475	10,080	
10,367 B.	Do. - - - -	·016	·062	·137 s	..	..	..	..	..	..	4,256	
10,373 A.	Gnoo-shwoay - - - -	·009	·014	·018	·023	·032	·059	·110 s	..	..	8,372	
10,373 B.	- - - - -											
10,375 A.	May-za-lee - - - -	·148	·280	·370 s	·466	·524	·552	·585	·606	·617	10,080	
10,375 B.	Do. - - - -	·044	·152	·268 s	·338	..	..	..	..	..	4,891	
10,376 A.	Yin-dike - - - -	·014	·044	·093	·147	·195 s	..	..	..	..	6,309	
10,376 B.	- - - - -											
10,379 A.	Padouk - - - -	·015	·107	·218 s	..	..	..	..	..	..	3,696	
10,379 B.	Do. - - - -											
10,380 A.	Koloh - - - -	·183	·363	·463	·507	·534 s	·560	·583	·615	..	9,100	
10,380 B.	- - - - -											
10,382 A.	Pouk thenmamyek-Kyouk -	·014	·076	·177	·255	·315 s	..	..	..	..	6,683	
10,382 B.	- - - - -											
10,384 A.	Thitsee - - - -	·011	·067 s	..	..	..	..	..	..	..	2,576	
10,384 B.	- - - - -											
10,386 A.	Nabhay - - - -	·027 s	..	..	..	..	..	..	..	..	2,184	
10,386 B.	- - - - -											
10,388 A.	Paugah - - - -	·010	·093	..	..	..	..	..	..	..	2,744	
10,388 B.	Do. - - - -	·013	·106	..	..	..	..	..	..	..	2,520	
10,390 A.	Htoukgyan - - - -	·011	·046	·010	·152	·198	·242	·307	·381	·45	10,080	
10,390 B.	Do. - - - -	·016	·062	·137	·210	·284	·367	..	..	..	7,280	
10,393 A.	Bambouay - - - -	·019	·115	·232	·312	·368	·422	..	..	..	7,504	
10,393 B.	Do. - - - -	·011	·078	·273	·421	·473	·516	·530	·548	·579	10,080	
10,394 A.	Thabyehgjo - - - -	·220	·332	·409	·452	·520	·561	·612	·628	·639	10,080	
10,394 B.	Do. - - - -	·202	·374	·518	·560	..	..	..	..	..	5,040	
10,397 A.	Thabyehgah - - - -	·010	..	..	..	..	..	..	..	..	2,091	
10,397 B.	- - - - -											
10,399 A.	Laizah - - - -	·060	·164 s	..	..	..	..	..	..	..	2,968	
10,399 B.	Do. - - - -	·076	·214 s	·378	..	..	..	..	..	..	3,696	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
EAST INDIA.												
10,405 A.	Huan	·046 s	..	..	..	..	..	..	..	..	1,456	
10,405 B.	Do.	·133 s	..	..	..	..	..	..	..	..	1,344	
10,406 A.	Bingah	·019	·217	·323	·404 s	..	..	..	..	..	5,488	
10,406 B.	Do.	·008	·032 s	..	..	..	..	..	..	..	2,837	
10,409 A.	Htein	·020	·236	·383	·495 s	·545	..	..	..	..	5,600	
10,409 B.	Do.	·014	·187 s	..	..	..	..	..	..	..	3,360	
10,410 A.	Htengalah	·008	..	..	..	..	..	..	..	..	2,184	
10,410 B.	Do.											
10,415 A.	Khaboung	·018	·094	·236	·343 s	·397	..	..	..	..	6,608	
10,415 B.	-											
10,416 A.	Toung-za-lat	·219 s	..	..	..	..	..	..	..	..	1,344	
10,416 B.	Do.	·145 s	..	..	..	..	..	..	..	..	1,680	
10,417 A.	Paet-than	·026	·164	·260	·333 s	..	..	..	..	..	5,320	
10,417 B.	-											Crushed.
10,419 A.	Tha-khoot-ma	·288	·481 s	·553	·625	·645	..	..	..	..	5,964	
10,419 B.	Do.	·248	·387	·514 s	·616	·644	·692	·702	·718	·725	10,080	
10,420 A.	Than-day	·115	·226 s	..	..	..	..	..	..	..	3,173	
10,420 B.	Do.											
10,421 A.	Kyoun-douk											
10,421 B.	-											
10,422 A.	Thanat	·328	·475 s	·570	·614	·646	·671	·694	·715	·718	10,080	Crushed. Dry rot.
10,422 B.	Do.	·346	·474	·547	·593	·622	·643 s	·657	·672	·683	10,080	
10,426 A.	Kuyon Teak	·186 s	..	..	..	..	..	..	..	..	1,596	
10,426 B.	Do.	·258 s	..	..	..	..	..	..	..	..	1,612	
10,426 C.	-	·310	·542 s	..	..	..	..	..	..	..	2,828	
10,427 A.	Yemaneh	·386 s	·480	·552	·582	·608	·640	..	..	..	7,056	
10,427 B.	Do.	·329	·575 s	·626	..	..	..	..	..	..	4,331	
10,429 A.	Momakha	·482	·552 s	·600	·629	·653	·665	·685	·728	·728	10,080	
10,429 B.	-											
10,430 A.	Tounbein											
10,430 B.	Do.											
10,430 C.	Do.	·319 s	·568	·650	·679	·704	·724	·745	·752	·763	10,080	
10,434 A.	Theetmin	·011	·110	·290 s	..	..	..	..	..	..	3,920	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
EAST INDIA.												
10,434 B.	- - - - -	·378	·448	·505	·549	·575 s	·602	..	..	..	7,700	
10,435 A.	Zinybooen - - - -	·563 s	·639	·671	·690	·704	·716	·729	·737	·746	10,080	
10,435 B.	Do. - - - -	·478	·539	·568	·589	·606 s	..	..	..	..	5,544	
10,438 A.	Nasha - - - -	·441	·534	·598 s	·618	·639	..	..	..	..	5,936	
10,438 B.	Do. - - - -	·393	·550 s	..	..	..	..	..	..	..	3,099	
10,438 C.	Do. - - - -	·010	·030	·239 s	..	..	..	..	..	..	3,472	
10,440 A.	Baman - - - -											
10,440 B.	- - - - -											
10,465 A.	Dedoap Tha - - -											
10,465 B.	Do. - - -											
10,475 A.	Manee Auka - - -	·009	·031	·182 s	..	..	..	..	..	..	3,864	
10,475 B.	Do. - - -	·010 s	...	...	..	..	..	..	..	..	1,717	
10,476 A.	Ngoo Tha - - -	·028	·327	·421	·514 s	·592	..	..	..	..	6,197	
10,476 B.	Do. - - -	·302	·389 s	·477	·542	·579	·640	·673	·680	·695	10,080	
10,476 C.	Do. - - -	·247	·383 s	·504	·567	·608	·636	·663	·679	·678	10,080	
10,477 A.	Kay Yoob - - -	·015	·029	·138 s	..	..	..	..	..	..	3,845	
10,477 B.	Do. - - -	..	..	..	..	..	..	..	..	..	..	Split.
10,477 C.	Do. - - -	·029	·089	·173	·253 s	·296	..	..	..	..	6,384	
10,478 A.	Nat Gyee - - -	·012	·026	·070	·117	·166	·210 s	..	..	..	7,093	
10,478 B.	Do. - - -	·019	·048	·091	·164 s	..	..	..	..	..	5,525	
10,478 C.	Do. - - -	·010	·018	·052 s	..	..	..	..	..	..	4,452	
10,491 A.	Zangyecoat-doup - -	·048	·226 s	..	..	..	..	..	..	..	2,856	
10,491 B.	Do. - - -	·043	·230 s	·456	..	..	..	..	..	..	3,752	
10,482 A.	Pune Tha - - -	·014	·086	·275 s	·487	..	..	..	..	..	5,189	
10,482 B.	Do. - - -	·019	·125	·254	·330	·373	·425 s	..	..	..	..	
10,485 A.	Padouk - - -	·009	·019 s	...	..	..	..	..	..	..	3,136	
10,485 B.	Do. - - -	·009	·026	·151 s	..	..	..	..	..	..	3,920	
10,485 C.	Do. - - -	·017	·101 s	..	..	..	..	..	..	..	2,716	
10,489 A.	Kya Ya - - -	·012	·049 s	..	..	..	..	..	..	..	3,136	
10,489 B.	Do. - - -	·012	·091	·416 s	..	..	..	..	..	..	3,584	
2,462 A.	Balow - - -											
2,462 B.	Do. - - -											

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
HUNGARY.												
1 A.		..	..	..	..	..	..	..	..	..	..	No experiments for this country.
1 B.		..	..	..	..	..	..	..	..	..	..	
1 C.		..	..	..	..	..	..	..	..	..	..	
1 D.		..	..	..	..	..	..	..	..	..	..	
2 A.		..	..	..	..	..	..	..	..	..	..	
2 B.		..	..	..	..	..	..	..	..	..	..	
2 C.		..	..	..	..	..	..	..	..	..	..	
2 D.		..	..	..	..	..	..	..	..	..	..	
3 A. B. C. D.		..	..	..	..	..	..	..	..	..	..	
4 A. B. C. D.		..	..	..	..	..	..	..	..	..	..	
5 A. B. C. D.		..	..	..	..	..	..	..	..	..	..	
6 A. B. C. D.		..	..	..	..	..	..	..	..	..	..	
7 A. B. C. D.		..	..	..	..	..	..	..	..	..	..	
8 A. B. C. D.		..	..	..	..	..	..	..	..	..	..	
9 A. B. C. D.		..	..	..	..	..	..	..	..	..	..	
10 A. B. C. D.		..	..	..	..	..	..	..	..	..	..	
11 A. B.		..	..	..	..	..	..	..	..	..	..	
13 A. B. C. D.		..	..	..	..	..	..	..	..	..	..	
14 A. B. C. D.		..	..	..	..	..	..	..	..	..	..	
15 A. B.		..	..	..	..	..	..	..	..	..	..	
16 A. B.		..	..	..	..	..	..	..	..	..	..	
17 A. B. C.		..	..	..	..	..	..	..	..	..	..	
17 A.		..	..	..	..	..	..	..	..	..	..	
25 A. B. C. D.		..	..	..	..	..	..	..	..	..	..	
26 A. B.		..	..	..	..	..	..	..	..	..	..	
27 A. B. C.		..	..	..	..	..	..	..	..	..	..	
A B.		..	..	..	..	..	..	..	..	..	..	
JAMAICA.												
160 A.	White Lance Wood	·008	·016	·070 s	..	..	..	..	..	..	4,032	
160 B.	Do.	·006	·012	·032	·157 s	..	..	..	..	..	5,301	
164 A.	Blood or Iron Wood	·060	·216	·323 s	..	..	..	..	..	..	4,032	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
JAMAICA.												
164 B.	Blood or Iron Wood	·018	·242 s	..	..	..	..	..	..	..	2,763	
164 C.	Do.	·078	·246	·359	·430 s	..	..	..	..	..	5,460	
164 D.	Do.	·114	·400 s	·528	·628	.657	·677	·688	·702	·710	10,080	
169 A.	Red Wood	·024	·276 s	·538	·586	·620	·639	·659	·675	·692	10,080	
169 B.	Do.	·012	·156 s	·481	·573	·605	·623	·646	·656	·668	10,080	
169 C.	Do.	·015	·178 s	..	..	..	..	..	..	..	2,912	
169 D.	Do.	·084 s	..	..	..	..	..	..	..	..	1,736	
189 A.	Jack Fruit	·035	·275 s	·500	·582	·615	·644	·666	·679	·695	10,080	
189 B.	Do.	·110	·346	·434	·484 s	·526	·547	·567	·614	·625	10,080	
189 C.	Do.	·236	·405	·592	..	·554	·575	·600	·608	·620	10,080	Tough wood.
189 D.	Do.	·052	·282 s	·460	·557	·588	·614	·646	·666	·678	10,080	
201 A.	Red Candle Wood	·010	·025 s	·142	..	..	..	..	..	..	3,808	
201 B.	Do.	·009	·017	·107 s	..	..	..	..	..	..	3,771	
201 C.	Do.	·013	·052 s	..	..	..	..	..	..	..	3,360	
208 A.	Canto	..	..	..	..	..	..	..	..	..	..	No experiments.
208 B.	Do.	..	..	..	..	..	..	..	..	..	..	
208 C.	Do.	..	..	..	..	..	..	..	..	..	..	
208 D.	Do.	..	..	..	..	..	..	..	..	..	..	
210 A.		·010	·035	·158 s	..	..	..	..	..	..	3,808	
210 B.		·016	·050	·146	·217	..	..	..	..	..	5,572	
210 C.		·010	·049	·198 s	..	..	..	..	..	..	3,808	
212 A.	Jamaica Ebony, var. Black Heart	·006	·009	·016	·030	·050	·084	·116 s	·148	·232	10,080	
212 B.	Do. do. do.	·007	·012	·021	·047 s	·118	..	..	..	..	6,384	
216 A.	Dog Wood	·008	·027	·098	·173	·234	·303 s	..	..	..	7,280	
216 B.	Do.	·008	·019	·085	·166	·235 s	·312	..	..	..	7,355	
216 C.	Do.	·009	·014	·019	·041	·073	·098	·139	·175 s	..	9,968	Tough wood.
216 D.	Do.	·006	·010	·028	·077	·121	·160	·204	·289 s	..	9,184	
218 A.	Do.	·020	·161	·288 s	·438	..	..	..	..	..	5,432	
218 B.	Do.	·044	·228 s	·325	..	..	..	..	..	..	4,293	
223 A.	Braziletto	·007	·016	·068	·166 s	..	..	..	..	..	—	
223 B.	Do.	·008	·013	·034	..	..	..	..	..	..	4,396	
223 C.	Do.	·012	·022	·060	·145	..	..	..	..	..	5,068	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
JAMAICA.												
223 D.	Brasiletto	·008	·014	·062 s	..	..	..	..	..	..	4,396	
228 A.	Yellow Candle Wood	·008	·014	·142 s	..	..	..	..	..	..	3,808	
228 B.	Do.	·010	·020	·169	..	..	..	..	..	..	4,167	
236 A.	South American Acacia	·253	·355	·401	·456 s	..	..	..	..	..	5,320	
236 B.	Do.	·264	·347	·402	·444	..	..	..	..	..	5,432	
236 C.	Do.	·334	·420	·461	·508	·532	·557	·582 s	·619	·650	10,680	
252 A.	White Mangrove	·043	·198	·316	·388 s	..	..	..	..	..	5,096	
252 B.	Do.	·037	·156	·288	·354 s	..	..	..	..	..	5,413	
252 C.	Do.	·047	·175	·294	·366 s	..	..	..	..	..	5,516	
267 A.	White Bully Tree	·010	·039	..	..	..	..	..	..	..	2,688	
267 B.	Do.	·014	·124 s	..	..	..	..	..	..	..	2,688	
267 C.	Do.	·015	·128 s	..	..	..	..	..	..	..	2,800	
267 D.	Do.	·012	·060 s	..	..	..	..	..	..	..	2,688	
284 A.	Tecoma stans.	·107	·358 s	·501	·539	·562	·600	..	..	..	6,720	
284 B.	Do.	·188	·362	·453	·488	·540 s	·554	..	..	..	7,803	
297 A.	Red Heart	·007	·010	·017 s	..	..	..	..	..	..	4,424	
297 B.	Do. do.	·007	·010	·020 s	..	..	..	..	..	..	4,312	
297 C.	Do. do.	·008	·012	·023 s	..	..	..	..	..	..	4,256	
297 D.	Do. do.	·007	·012	·038	..	..	..	..	..	..	4,256	
312 A.	Juniper Cedar	..	..	..	..	..	..	..	..	..	..	No experiments.
312 B.	Do.	..	..	..	..	..	..	..	..	..	..	
312 C.	Do.	..	..	..	..	..	..	..	..	..	..	
319 A*a*.	Section of Cocoa Nut	·006	·009	·014	·022	·038	·059	·081	·124 s	..	9,856	
319 A*b*.	Do.	·004	·007	·011	·016	·023	·033	·054 s	..	..	8,736	
319 B*a*.	Do.	·010	·040	·183 s	..	..	..	..	..	..	4,228	
319 B*b*.	Do.	·019	·120	·254	·302 s	..	..	..	..	..	5,488	
319 B*c*.	Do.	·012	·066	·224 s	..	..	..	..	..	..	4,060	
319 B*d*.	Do.	·006	·020	·168	·235 s	..	..	..	..	..	5,152	
319 C*a*.	Do.	·011	·025	·068	·166	·221 s	·256	·285	..	..	8,764	
319 C*b*.	Do.	·012	·024	·075	·147	·196	·234	·255	·284	·308	10,080	
319 E*a*.	Do.	·007	·010	·014	·023	·046	·093 s	..	..	..	7,168	
319 E*b*.	Do.	·003	·006	·009	·014	·024	·046	·081 s	..	..	8,344	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
JAMAICA.												
320 A.	Yoke Wood	·277	·392	·483	·541 s	·640	·694	·708	·722	·734	10,080	Severe fracture.
320 B.	Do.	·278	·402	·492 s	·542	·600	..	..	..	..	6,496	
324 A.	Santa Maria	·525 s	·604	·638	·667	·744	·755	·769	·777	·786	10,080	Severe fracture.
324 B.	Do.	·596 s	·662	·706	·729	·744	·755	·768	·776	·782	10,080	
326 A.	Red Wood	·142	·286	·365	·446 s	..	..	..	..	..	5,152	
326 B.	Do.	·078	·303	·460	..	..	..	..	..	..	3,892	
328 A.	Black Bullet Tree	·015	·074	..	..	..	..	..	..	..	2,576	
328 B.	Do.	·021	·130s	..	..	..	..	..	..	..	2,436	
329 A.	Galla Pear	—	—	—	—	—	—	—	—	—	—	
329 B.	Do.	—	—	—	—	—	—	—	—	—	—	
329 C.	Do.	—	—	—	—	—	—	—	—	—	—	
332 A.	Hog Berry	·167 s	..	..	..	..	..	..	..	..	1,680	
332 B.	Do.	·239	·403 s	·479	..	..	..	..	..	..	4,116	
332 C.	Do.	·132 s	·537	·609	·639	·668	·685	·701	·712	·724	10,080	Severe fracture.
332 D.	Do.	·229	·595 s	·666	·695	·712	·725	·736	·746	·754	10,080	Do.
338 A.	Spanish Elm	·016	·156	·281 s	·404	..	..	..	..	..	4,900	
338 B.	Do.	·176	·382	·478 s	·588	·639	·650	·676	·694	·704	10,080	
338 C.	Do.	·012	·169	·327 s	·530	·576	·598	·618	·640	·653	10,080	
339 A.	Naseberry Bullet Tree	·008	·014	·034 s	..	..	..	..	..	..	4,452	
339 B.	Do.	·009	·018	·049	·140 s	..	..	..	..	..	4,900	
339 C.	Do.	·008	·013	·030	·109	..	..	..	..	..	5,012	
339 D.	Do.	·012	·020	·070 s	..	..	..	..	..	..	4,443	
341 A.	Iron Wood	·008	·013	·020	·033	·049	·069	·089 s	..	..	8,904	
343 A.	Capada Wood	—	—	—	—	—	—	—	—	..	—	
343 B.	Do.	—	—	—	—	—	—	—	—	—	—	
343 C.	Do.	—	—	—	—	—	—	—	—	—	—	
345 A.	Wild Orange	·008	·012	·027	·069	·120	..	..	..	..	6,608	
345 B.	Do.	·008	·014	·032	·072	·117 s	..	..	..	..	6,468	
350 A.	Green Heart	·010	·030	·108 s	..	..	..	..	..	..	4,256	
350 B.	Do.	·010	·021	·055	·116 s	..	..	..	..	..	5,488	
351 A.	Musk Wood	·024	·204	·324	·413 s	·448	..	..	..	..	6,496	
354 A.	Sweet Wood	·102	·260	·358	·396 s	..	..	..	..	..	5,301	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
JAMAICA.												
354 B.	Sweet Wood	·072	·258	·390 s	..	..	..	..	..	..	4,032	
355 A.	Black Rosewood	·009	·020	·066	·130	..	..	..	..	..	5,124	
355 B.	Do.	·008	·014	·033	·109	..	..	..	..	..	5,432	
358 A.	White Rosewood	·022	·088	·164	·220 s	..	..	..	..	..	4,816	
358 B.	Do.	·020	·082	·186	·289 s	..	..	..	..	..	4,676	
358 C.	Do.	—	—	—	—	—	—	—	—	—	—	
363 A.	Beech Wood	·012	·044	·168	·266	·373	..	..	..	..	6,272	
363 B.		—	—	—	—	—	—	—	—	—	—	
365 A.	Wild Cinnamon	·094	·300	·398	·500 s	..	..	..	..	..	4,592	
365 B.	Do.	·339	·438	·498	·532 s	..	..	..	..	..	5,544	
367 A.	White Cedar	·338	·456	·506	·550	·576	..	..	..	..	6,608	
367 B.	Do.	·212	·484	..	..	..	..	..	..	..	3,220	
371 A.	White Torch	·013	·087	..	..	..	..	..	..	..	3,211	
371 B.	Do.	·015	·134	·275	·335 s	·384	..	..	..	..	6,946	
371 C.	Do.	·011	·100 s	..	..	..	..	..	..	..	3,061	
371 D.	Do.	·015	·094	·227	·314	·385 s	..	..	..	..	6,160	
372 A.	Beef Apple	·015	·089 s	..	..	..	..	..	..	..	3,192	
372 B.	Do.	·030	·137	·365 s	..	..	..	..	..	..	3,752	
376 A.	Blood-red Wood, or Black Mahogany.	·062	·230	·390	·484	..	..	..	..	..	5,040	
376 B.	Do.	·062	·208	·440	·483	·591	·615	·632	·648	·674	10,080	
378 A.	Fig Tree, Wild	—	—	—	—	—	—	—	—	—	—	
384 A.	Black Mahogany, or Blood-red Wood.	·082	·280 s	·392	..	..	..	..	..	..	4,480	
384 B.	Do.	·033	·235	·430 s	·534	·586	·617	·644	·660	·675	10,080	
384 C.	Do.	·019	·147 s	..	..	..	..	..	..	..	2,800	
384 D.	Do.	·075	·240	·375	·375	·556	·612	·653	·669	·683	10,080	
407 A.	Star Apple	—	—	—	—	—	—	—	—	—	—	
LIBERIA.												
7 A.	Whismore	·086	·252	·377 s	·459	·526	..	..	..	..	6,160	
7 B.	Do.	·089	·261	·375	·483 s	..	..	..	..	..	4,928	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
LIBERIA.												
7 C.	Whismore	·283	·412	·478	·512	·534	·553 s	·570	..	..	8,512	
10 A.	Cedar	·016 s	..	..	..	..	..	..	..	..	2,184	
10 B.	Do.	·020	·086 s	..	..	..	..	..	..	..	2,464	
10 C.	Do.	·013	·055 s	..	..	..	..	..	..	..	2,688	
11 A.	Black Gum	·016	·106	·219 s	..	..	..	..	..	..	3,556	
11 B.	Do.	·018 s	..	..	..	..	..	..	..	..	2,044	
11 C.	Do.	·032	·170 s	..	..	..	..	..	..	..	2,763	
15 A.	Burr Wood	·178	·634 s	·668	·692	·709	·720	·730	·741	·748	10,080	Severe fracture.
15 B.	Do.	·181 s	..	..	..	..	..	..	..	..	1,344	
15 C.	Do.	·030 s	..	..	..	..	..	..	..	..	2,091	
15 D.	Do.	·020	·510 s	·573	·613	·637	·652	·666	·684	·694	10,080	Severe fracture.
16 A.	Cherry Wood	·332	·461	·504	·534	·555 s	..	..	..	..	6,459	
16 B.	Do.	·199	·380	·428 s	..	..	..	..	..	..	4,060	
17 A.	Brimstone	·064	·336 s	..	..	..	..	..	..	..	2,324	
17 B.	Do.	·021 s	..	..	..	..	..	..	..	..	2,053	
18 A.	Box Wood	·012	·023	·090	·191 s	..	..	..	..	..	5,525	
18 B.	Do.	·011	·022	·090	·185 s	..	..	..	..	..	5,012	
19 B.	Cedar	·150	·351	·530 s	..	..	..	..	..	..	3,360	
19 C.	Do.	·250	·414	..	..	..	..	..	..	..	2,716	
20 A*a*.	Mahogany	·263	·497	·619	·653	·681	·701	·714	·730	·744	10,080	
20 A*b*.	Do.	·398	·508	·559	·594	·661	·630	·644	·657	·680	10,080	
20 A*c*.	Do.	·212	·364	·568	·628	·658	·686	·692	·708	·718	10,080	
20 A*d*.	Do.	..	..	..	..	..	..	..	..	..	1,064	
20 A.	Ironwood	·006	·159	·279 s	·379	..	..	..	..	..	4,928	
20 B.	Do.	·013	·128 s	..	..	..	..	..	..	..	2,427	
20 C.	Do.	·008	·013 s	..	..	..	..	..	..	..	3,108	
21 A.	Black Oak	·224	·339	..	..	..	..	..	..	..	..	
21 B.	Do.	·138	·250 s	..	..	..	..	..	..	..	3,276	
21 C.	Do.	·224	·342 s	..	..	..	..	..	..	..	3,192	
21 D.	Do.	·218	·350 s	..	..	..	..	..	..	..	2,604	
22 A.	Mahogany	·281	·425	·510 s	·548	·568	·593	·654	·706	·714	10,080	
22 B.	Do.	·315	·435	·505	·547 s	·572	·605	·634	·702	·714	10,080	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
	LIBERIA.											
22 C.	Mahogany	·234	·474 s	·552	·628	·678	·703	·720	·731	·743	10,080	Severe fracture.
22 D.	Do.											
58 A.	Do.	·039 s	..	..	..	..	..	..	..	..	2,212	
58 B.	Do.	·046	·453 s	·573	·615	·636	·651	·662	·674	·686	10,080	Severe fracture.
	NEW SOUTH WALES, N.											
1 A.	Bogum-bogum	·099	·286	..	..	..	..	..	..	..	2,744	
1 B.	Do.	—	—	—	—	—	—	—	—	—	—	
2 A.	Gooroie	—	—	—	—	—	—	—	—	—	—	
2 B.	Do.	—	—	—	—	—	—	—	—	—	—	
3 A.	Goorie	·043	·224	·325	..	..	..	..	..	..	3,640	
3 B.	Do.	·041	·195	·297	..	..	..	..	..	..	4,032	
3 C.	Do.	·036	·204	..	..	..	..	..	..	..	2,725	
4 A.	Gulgi	·251	..	..	..	..	..	..	..	..	1,400	
4 B.	Do.	·172	·447	..	..	..	..	..	..	..	2,688	
5 A.	Bastard or White Box	·022	·114	·206	·280	..	..	..	..	..	4,779	
5 B.	Do.	·019	·112	·216	..	..	..	..	..	..	4,144	
5 C.	Do.	·017	·094	·196	·284	..	..	..	..	..	5,189	
5 D.	Do.	—	—	—	—	—	—	—	—	—	—	
6 A.	Red Box	·021	·167	·348	..	..	..	..	..	..	3,920	
6 B.	Do.	·090	·296	·431	·561	·602	·622	·640	·654	·670	10,080	
6 C.	Do.	·016	·166	..	..	..	..	..	..	..	2,744	
6 D.	Do.	·014	·106	·274 s	..	..	..	..	..	..	3,733	
7 A.	Buranna	·068	·208	·280 s	·368	·549	·574	·596	·614	·640	10,080	
7 B.	Do.	·148	·402 s	·494	·559	·594	·614	·635	·645	·658	10,080	
8 A.	Coorong Cypress Pine	—	—	—	—	—	—	—	—	—	—	
8 B.	Do.	—	—	—	—	—	—	—	—	—	—	
9 A.		—	—	—	—	—	—	—	—	—	—	
9 B.		—	—	—	—	—	—	—	—	—	—	
10 A.	Box of Illawarra	·178	·369 s	·454	..	..	..	..	..	..	4,405	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
NEW SOUTH WALES, N.												
10 B.	Box of Illawarra	·120	·294	·376 s	·430	..	..	..	..	..	5,404	
12 D.	Gomphan	·008	·018	·132 s	..	..	..	..	..	..	4,312	
13 A.	Wobul	·010	·088	·228	..	..	..	..	..	..	4,144	
13 B.	Woburl	·010	·072	·207	·294 s	..	..	..	..	..	5,040	
14 A.	Found near Lismore, near Richmond River.	·042	·210 s	·337	..	..	..	..	..	..	4,424	
14 B.	Do.	·019	·144	·255 s	..	..	..	..	..	..	4,405	
15 A.	Moreton Bay Pine	—	—	—	—	—	—	—	—	—	—	
15 B.	Do.	—	—	—	—	—	—	—	—	—	—	
15 C.	Do.	—	—	—	—	—	—	—	—	—	—	
15 D.	Do.	—	—	—	—	—	—	—	—	—	—	
17 A.	Pobo, found at Richmond and Lismore.	·212	·359	·448	·492	·529 s	..	..	..	..	6,608	
17 B.	Do.	·251	·369	·430	·474	·512	·529 s	..	..	..	8,027	
19 A.	Cherry	·323	·480	·640	·680	·700	·720	·729	·740	·750	10,080	Severe fracture.
19 B.	Do.	·356	·512	·648	·705	·722	·738	·748	·760	·768	10,080	
21 A.	Wootarie	·012	·151	·294	·412	..	..	..	..	..	5,336	
21 B.	Do.	·012	·068	·240	..	..	..	..	..	..	4,032	
22 A.	Woorridii	·426	·518	·566	·597 s	..	..	..	..	..	5,376	
22 B.	Do.	·428	·534	·592 s	·620	·656	·672	..	..	..	7,579	
22 C.	Do.	—	—	—	—	—	—	—	—	—	—	
22 D.	Do.	·385	·521 s	·584	·614	·638	·668	·692	·734	·747	10,080	
23 A.	Urra Wymbie	·088 s	..	..	..	..	..	..	..	..	2,016	
23 B.	Do.	·221	·372 s	·460	..	..	..	..	..	..	4,256	
23 C.	Do.	·206	·376 s	·459	·539	..	..	..	..	..	5,320	
23 D.	Do.	·086	·462 s	..	..	..	..	..	..	..	2,427	
24 A.	Ash, Beech, and Flindosa	·155	·332	..	..	..	..	..	..	..	3,285	
24 B.	Do.	·063	·250	·451 s	..	..	..	..	..	..	4,032	
24 C.	Do.	·146	·377 s	·586	·680	·697	·722	·732	·742	·751	10,080	
24 D.	Do.	·040	·247 s	..	..	..	..	..	..	..	2,912	
25 A.		·365	·498 s	·58	·534	..	..	..	..	..	5,432	
25 B.		·408	·493	·537 s	·566	·600	·674	·710	·728	·756	10,080	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
	NEW SOUTH WALES, N.											
25 C.	- - - - - - -	·414	·503	·540	·576	·600 s	·647	..	..	..	7,131	
25 D.	- - - - - - -	—	—	—	—	—	—	—	—	—	—	
26 A.	Cherry of the Clarence - -	·116	·330	·477 s	·571	·650	·665	·681	·694	·700	10,080	Severe fracture.
26 B.	Do. - - - - -	·194	·350	·426	·532 s	·580	..	..	..	..	6,384	
27 A.	Native Tamarind - - -	·166	·634 s	·680	..	..	..	..	..	..	3,360	
27 B.	Do. - - - - -	·127 s	..	..	..	..	..	..	..	..	1,456	
27 C.	Do. - - - - -	·140	·455 s	..	..	..	..	..	..	..	2,632	
28 A.	Native Plum - - - -	·006	·016	·066 s	..	..	..	..	..	..	4,256	
28 B.	Do. - - - - -	·008	·043	·142 s	..	..	..	..	..	..	5,328	
28 C.	Do. - - - - -	·062	·094 s	..	..	..	..	..	..	..	3,024	
28 D.	Do. - - - - -	·038	·158	·223 s	..	..	..	..	..	..	4,396	
35 A.	Undambie - - - - -	·364	·507	·560	·596 s	·621	·642	·692	..	..	8,624	
35 B.	Do. - - - - -	·460	·548	·579	·604	·618	·630	·639	·650	·659	10,080	
36 A.	Larrabie - - - - -	·020	·171 s	·334	..	..	..	..	..	..	4,256	
36 B.	Do. - - - - -	·015	·132	·270	..	..	..	..	..	..	3,920	
40 A.	Uroobie - - - - -	·012	·083	·102	·324 s	..	..	..	..	..	5,115	
40 B.	Do. - - - - -	·010	·048	·160	·234 s	..	..	..	..	..	5,432	
40 C.	Do. - - - - -	·008	·018	·132 s	..	..	..	..	..	..	3,920	
43 A.	Native Orange - - - -	·034	·197	·298	·348	·422 s	..	..	..	..	6,608	
43 B.	Do. - - - - -	·019	·153	·258	·332 s	·410	..	..	..	..	6,272	
44 A.	Black Myrtle - - - -	·090	·280	·400 s	·438	·474	·502	..	..	..	6,832	
44 B.	Do. - - - - -	·042 s	·292	..	..	..	..	..	..	..	2,520	
45 A.	Clarence and Richmond Brush	·226	·400	·455	·500	·528	·557 s	..	..	..	7,728	
45 B.	Do. - - - - -	·194	·396	·466	·530 s	..	..	..	..	..	5,320	
47 A.	Rosewood - - - - -	·028	·146	·265	·346 s	·467	·588	·605	·617	·629	10,080	
47 B.	Do. - - - - -	·103	·246	·358	·420	·479	·510	..	..	..	7,672	
47 C.	Do. - - - - -	—	—	—	—	—	—	—	—	—	—	
47 D.	Do. - - - - -	·118	·290	·378	·430	·469 s	·517	·564	·614	·625	10,080	
51 A.	Pencil Cedar - - - -	·040	·332 s	..	..	..	..	..	..	..	3,080	
51 B.	Do. - - - - -	·032	·272	..	..	..	..	..	..	..	2,408	
51 C.	Do. - - - - -	—	—	—	—	—	—	—	—	—	—	
51 D.	Do. - - - - -	·016	..	..	..	..	..	..	..	..	1,512	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
	NEW SOUTH WALES, N.											
53 A.	Carissa ovata	·013	·102 s	..	..	..	..	..	..	..	3,304	
53 B.	Do.	·022	·153	·282 s	·596	·623	·655	·663	·680	·698	10,080	
54 A.	Schmidilia pyriformis	·023	·124	·216	·278	·314	·338	·363 s	..	..	7,877	
54 B.	Do.	·010	·050	·210 s	..	..	..	..	..	..	4,312	
60 A.	Hickory Lignum Vitæ	·010	·048	·201 s	..	..	..	..	..	..	4,480	
60 B.	Do.	·008	·034	·214 s	..	..	..	..	..	..	4,004	
61 A.	Flindosa	·074	·284	·376	·483 s	·486	..	..	..	..	6,692	
61 B.	Do.	·041	·251	·469 s	..	..	..	..	..	..	3,584	
61 C.	Do.	·138	·328	·400	·443	·468	·492	·516 s	..	..	8,736	
61 D.	Do.	·119	·330	·431 s	·487	..	..	..	..	..	5,572	
63 A.	Flintamendosa	·008	·019	·077	·172 s	..	..	..	..	..	4,741	
63 B.	Do.	·018	·122 s	..	..	..	..	..	..	..	3,024	
64 A.	Tea Tree	·008	·025 s	..	..	..	..	..	..	..	3,192	
64 B.	Do.	·008	·046 s	..	..	..	..	..	..	..	3,248	
66 A.	Bastard Myall	·05	..	..	..	..	..	..	..	..	1,680	
66 B.	Do.	·032	·249 s	..	..	..	..	..	..	..	2,996	
67 A.		·007	·015	·096 s	..	..	..	..	..	..	4,443	
67 B.		·009	·020	·125	·244	·378 s	·435	..	..	..	6,720	
68 A.	Pine Brush	·384	·527	·590	·638 s	..	..	..	..	..	4,676	
68 B.	Do.	·402	·530	·597 s	..	..	..	..	..	..	3,948	
69 A.	Found at Clarence and Richmond Brush Forest.	·022	·210 s	·428	·516	·571	·594	·629	·650	·670	10,080	
69 B.	Do.	·010	·148	·409 s	..	..	..	..	..	..	3,360	
71 A.	Swamp Oak	·008	·024	..	..	..	..	..	..	..	3,976	
71 B.	Do.	·013	·047	·178 s	·269	..	..	..	..	..	5,264	
74 A.	White Myrtle	·010	·048	·179	·256	..	..	..	..	..	5,301	
74 B.	Do.	·010	·031	·114	·194	·252	..	..	..	..	6,244	
77 A.	Iron Bark of the Clarence	·008	·015	·043	·113 s	..	..	..	..	..	4,928	
77 B.	Do.	·010	·018	·038	·093 s	..	..	..	..	..	5,077	
84 A.	Marble Wood	·011	·098	·215	·306	·388 s	..	..	..	..	6,104	
84 B.	Do.	·015	·124	·290 s	·398	..	..	..	..	..	5,376	
88 A.	Found in the Brush Forests on the Clarence.	·016	·086	·196	·268	·315 s	..	..	..	..	6,496	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
NEW SOUTH WALES, N.												
88 B.	Found in the Brush Forests on the Clarence.	·016	·086	·198	·259	·314	·344 s	..	..	..	6,944	
89 A.	Do.	·011	·066	·210 s	..	..	..	..	..	..	4,368	
89 B.	Do.	·015	·090	·212	·312 s	..	..	..	..	..	5,292	
93 A.	Celtis Opaca	·216	·383	·479 s	·532	·596	·637	·658	·693	·716	10,080	
93 B.	Do.	·134	·332	·449 s	·500	·543	·577	·620	·660	·685	10,080	
102 A.	Flooded Gum	·090 s	·391	·544	·592	·619	·634	·653	·664	·674	10,080	
102 B.	Do.	·082	·246 s	·502	·564	·586	·607	·625	·638	·656	10,080	
102 C.	Do.	·170	·295 s	·479	..	..	..	..	..	..	3,920	
102 D.	Do.	·060	·020 s	·470	·575	·599	·618	·639	·655	·667	10,080	
103 A.	Grey Gum	·008	·042 s	..	..	..	..	..	..	..	3,632	
103 B.	Do.	·007	·022	..	..	..	..	..	..	..	3,164	
104 A.	Bitter Bark	·170	·325	·402 s	..	..	..	..	..	..	4,424	
104 B.	Do.	·078	·293 s	·460	..	..	..	..	..	..	3,892	
105 A.	Light Yellow Wood	·184	·473 s	·564	..	..	..	..	..	..	4,004	
105 B.	Do.	·213	·397	·516 s	·568	..	..	..	..	..	5,544	
106 A.	Ironwood	·014	·088	·180 s	..	..	..	..	..	..	4,181	
106 B.	Do.	·015	·107	·202 s	..	..	..	..	..	..	4,032	
109 A.	Swamp Mahogany	·032	·145	·247 s	·324	..	..	..	..	..	5,563	
109 B.	Do.	·084	·247	·365 s	·437	..	..	..	..	..	5,488	
111 A.	Water Gum	·012	·077	·240 s	·404	..	..	..	..	..	5,432	
111 B.	Do.	·013	·075	·204	·326 s	·438	..	..	..	..	6,384	
111 C.	Do.	·024	·118	·226	·292	·337	·370	·410 s	..	..	8,624	
111 D.	Do.	·016	·070	·184	·254	·318	·362 s	·400	..	..	8,101	
114 A.	Brush Iron Bark	·012	·275 s	..	..	..	..	..	..	..	2,352	
114 B.	Do.	·023	·246 s	..	..	..	..	..	..	..	2,688	
NEW SOUTH WALES, S.												
1 A.	White or Pale Iron Bark	·007	·010	·018	·051	·114	..	..	..	..	5,656	
1 B.	Do.	·004	·008	·016	·047	·136	..	..	..	..	5,292	
1 C.	Do.	·008	·012	·022	·052	·184	..	..	..	..	5,488	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
	NEW SOUTH WALES, S.											
1 D.	White or Pale Iron Bark	·008	·014	·039	·280	..	..	..	..	..	4,536	
2 A.	White Iron Bark	·011	·026	·074	·124	..	..	..	..	..	5,292	
2 B.	Do.	·008	·019	·065	..	..	..	..	..	..	4,200	
3 A.	Iron Bark	·010	·027	·074	..	..	..	..	..	..	4,144	
3 B.	Do.	·014	·024	·074	·154	..	..	..	..	..	5,264	
3 C.	Do.	·013	·026	·078	·056	..	..	..	..	..	5,096	
4 A.	Broad-leaved Rough Iron Bark	·008	·014	·080	..	..	..	..	..	..	3,808	
4 B.	Do.	·008 s	·013	·030s	..	..	..	..	..	..	3,808	
4 C.	Do.	·012	·034	·095	·145	..	..	..	..	..	4,928	
4 D.	Do.	·006	·014	..	..	..	..	..	..	..	3,148	
5 A.	Iron Bark	·006	·012	·032	·122	·369	·472	·498	·523	·548	10,080	Crushed severely.
5 B.	Do.	·012	·029	·087	·158	..	..	..	..	..	4,480	
5 C.	Do.	·006	·013	·176	·346	·469	·590	..	..	..	7,840	Crushed severely.
5 D.	Do.	·006	·013	024	·124	..	..	..	..	..	4,956	
7 A.	Narrow-leaved Smooth or Red Iron Bark.	·009	·018	·136	.	..	..	..	..	..	3,360	
7 B.	Do.	·008	·014	·055	..	..	..	..	..	..	3,640	
7 C.	Do.	·011	·026	·063	·126	..	..	..	..	..	4,816	
7 D.	Do.	·007	·014	..	..	..	..	..	..	..	3,080	
8 A.	-	—	—	—	—	—	—	—	—	—	—	
8 B.	-	—	—	—	—	—	—	—	—	—	—	
8 C.	Narrow-leaved Iron Bark	·006	·015	..	..	..	..	..	..	..	3,276	
8 D.	Do.	·007	·018	·090	..	..	..	..	..	..	3,640	
10 A.	Box of Illawarra	·007	·061	·228	·348	·440	·498	·530	·550	..	8,960	Crushed severely.
10 B.	Do.	·008	·054	·259	·345	·392	·474	·516	·540	·552	10,080	
10 C.	Do.	·009	·065	·257	·356	·500	..	..	..	..	5,572	
10 D.	Do.	·013	·089	·220	·426	·470	·544	·572	·596	·618	10,080	Crushed severely.
11 A.	Bastard Box of Illawarra	·009	·014	·065	..	..	..	..	..	..	4,144	
11 B.	Do.	·006	·012	·072	..	..	..	..	..	..	4,032	
11 C.	Do.	·017	·012	·028	..	..	..	..	..	..	3,640	
11 D.	Do.	·009	·120	..	..	..	..	..	..	..	3,192	
12 A.	True or Yellow Box of Camden	·010	·024	·150	..	..	..	..	..	..	3,920	Very good fracture.

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
	NEW SOUTH WALES, S.											
12 B.	True or Yellow Box of Camden	·012	·036	·157	..	..	..	..	..	..	4,256	Very good smash.
12 C.	Do.	·020	·065	·156	·204	·248	·276	..	..	..	6,944	
13 A.	Bastard Box	·009	·019	·140	..	..	..	..	..	..	3,920	
13 B.	Do.	·008	·015	·076	·380	·478	·539	..	..	..	6,720	Crushed.
13 C.	Do.	·006	·011	·054	..	..	..	..	..	..	3,854	
13 D.	Do.	·006	·011	·082	..	..	..	..	..	..	3,659	
13 A*c*.	Do.	·008	·017	..	..	..	..	..	..	..	3,192	
13 A*d*.	Do.	·010	·044	·142	..	..	..	..	..	..	4,368	
14 A.	Do.	·007	·015	..	..	..	..	..	..	..	2,884	
14 B.	Do.	·009	·045	..	..	..	..	..	..	..	3,024	
14 C.	Do.	·009	·028	..	..	..	..	..	..	..	2,716	
14 D.	Do.	·008	·014	..	..	..	..	..	..	..	3,332	
15 A.	Box	·021	·103	·188	..	..	..	..	..	..	3,976	
15 B.	Do.	·030	·224	·530	·590	..	..	..	..	..	4,480	Crushed.
15 C.	Do.	·047	·199	·350	·498	·554	·580	·606	·630	·650	10,080	
16 A.	Flooded Gum	·140	·350	·476	·535	·568	·595	·615	..	..	7,840	Crushed.
17 A.	Dthackai Courroo	·008	·014	·059	·220	..	..	..	..	..	3,724	
17 B.	Do.	·012	·029	·084	·457	·560	..	..	..	..	5,600	Crushed.
17 C.	Do.	·010	·030	·080	·136	..	..	..	..	..	5,320	
17 D.	Do.	·008	·014	·076	..	..	..	..	..	..	3,584	
18 A.	Blue Gum of Coast Districts	·101	·318	·492	..	..	..	..	..	..	3,360	Crushed.
18 B.	Do.	.142	·372	·466	·534	·563	..	..	..	..	5,600	Do.
18 C.	Do.	·166	·505	·608	..	..	..	..	..	..	3,360	Do.
19 A.	Blue Gum of Camden	·013	·080	·332	·454	·498	·526	·555	·580	·600	10,080	Do.
19 B.	Do.	·011	·091	·380	·504	·544	·573	·594	..	..	7,840	Do.
19 C.	Do.	·010	·034	·376	·460	·520	·558	..	..	..	6,720	Do.
19 D.	Do.	·015	·057	·227	·422	·538	..	..	..	..	5,600	Do.
20 A.	Blue Gum	·010	·027	·216	·448	·499	·530	..	..	..	6,720	Do.
20 B.	Do.	·012	·036	·206	·276	·340	·452	·486	·527	·548	10,080	
21 A.	Blue Gum	·012	·044	·153	..	..	..	..	..	..	4,032	
21 B.	Do.	·012	·051	·430	·483	·542	·566	·587	·605	·618	10,080	
21 C.	Do.	·010	·030	·128	·306	·387	·422	·446	·470	·495	10,080	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
NEW SOUTH WALES, S.												
21 D.	Blue Gum	·014	·040	·110	..	..	..	..	..	..	3,780	
23 A.	Grey Gum	·010	·020	·098	·184	·259	·328	..	..	..	6,244	
23 B.	Do.	·012	·033	·121	..	..	..	..	..	..	4,368	
24 A.	Woolly Butt of Illawarra	·014	·312	..	..	..	..	..	..	..	2,072	
24 B.	Do.	·036	·238	..	..	..	..	..	..	..	2,016	
25 A.	Rough-barked Gum	·010	·048	·193	..	..	..	..	..	..	4,032	
25 B.	Do.	·010	·070	·270	..	..	..	..	..	..	3,864	
25 C.	Do.	·009	·018	·158	..	..	..	..	..	..	3,752	
25 D.	Do.	·009	·016	·104	..	..	..	..	..	..	3,808	
26 C.	Spotted or Mottled Gum	·017	·125	·462	..	..	..	..	..	..	4,256	
26 D.	Do.	·008	·067	..	..	..	..	..	..	..	3,248	
27 A.	Black Butt Gum	·051	·397	..	..	..	..	..	..	..	2,800	
27 B.	Do.	·020	·453	·552	·581	·601	·620	·633	·647	·656	10,080	
27 C.	Do.	·042	..	..	..	..	..	..	..	..	1,568	
27 D.	Do.	·030	..	..	..	..	..	..	..	..	1,680	
37 A.	Eucalyptus, sp.	·011	·036	·276	..	..	..	..	..	..	3,248	
37 B.	Do.	·010	·030	·136	..	..	..	..	..	..	3,696	
37 C.	Do.	·010	·029	·125	..	..	..	..	..	..	3,752	
37 D.	Do.	·008	·015	·054	..	..	..	..	..	..	3,920	
38 A.	Grey Gum from Brisbane Water	·010	·054	..	..	..	..	..	..	..	2,772	
38 B.	Do.	·014	·078	..	..	..	..	..	..	..	2,632	
38 C.	Do.	·012	·056	..	..	..	..	..	..	..	2,688	
38 D.	Do.	·013	·085	..	..	..	..	..	..	..	2,884	
40 A.	Messmate	·027	·192	..	..	..	..	..	..	..	2,632	
40 B.	Do.	·016	·132	..	..	..	..	..	..	..	3,164	
40 C.	Do.	·014	·171	..	..	..	..	..	..	..	2,464	
40 D.	Do.	·014	·131	..	..	..	..	..	..	..	2.800	
42 A.	Swamp Mahogany	·016	·120	·348	·409	·494	·520	·548	·572	·593	10,080	
42 B.	Do.	·014	·336	·495	·558	·585	·604	·629	·640	·656	10,080	
42 C.	Do.	·032	·202	·386	..	..	..	..	..	..	3,052	
43 A.	Do.	·082	·332	·522	·592	·620	·643	·655	·664	·676	10,080	
43 B.	Do.	·135	·520	·581	·654	·668	·678	·688	·697	·706	10,080	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of								Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.	
	NEW SOUTH WALES, S.										
12 B.	True or Yellow Box of Camden	·012	·036	·157	..	..	..	..	..	..	4,256 Very good smash.
12 C.	Do.	·020	·065	·156	·204	·248	·276	..	..	..	6,944
13 A.	Bastard Box	·009	·019	·140	..	..	..	..	..	..	3,920
13 B.	Do.	·008	·015	·076	·380	·478	·539	..	..	..	6,720 Crushed.
13 C.	Do.	·006	·011	·054	..	..	..	..	..	..	3,854
13 D.	Do.	·006	·011	·082	..	..	..	..	..	..	3,659
13 Ac.	Do.	·008	·017	..	..	..	..	..	..	..	3,192
13 Ad.	Do.	·010	·044	·142	..	..	..	..	..	..	4,368
14 A.	Do.	·007	·015	..	..	..	..	..	..	..	2,884
14 B.	Do.	·009	·045	..	..	..	..	..	..	..	3,024
14 C.	Do.	·009	·028	..	..	..	..	..	..	..	2,716
14 D.	Do.	·008	·014	..	..	..	..	..	..	..	3,332
15 A.	Box	·021	·103	·188	..	..	..	..	..	..	3,976
15 B.	Do.	·030	·224	·530	·590	..	..	..	..	..	4,480 Crushed.
15 C.	Do.	·047	·199	·350	·498	·554	·580	·606	·630	·650	10,080
16 A.	Flooded Gum	·140	·350	·476	·535	·568	·595	·615	..	..	7,840 Crushed.
17 A.	Dthackai Courroo	·008	·014	·059	·220	..	..	..	..	..	3,724
17 B.	Do.	·012	·029	·084	·457	·500	..	..	..	..	5,600 Crushed.
17 C.	Do.	·010	·030	·080	·136	..	..	..	..	..	5,320
17 D.	Do.	·008	·014	·076	..	..	..	..	..	..	3,584
18 A.	Blue Gum of Coast Districts	·101	·318	·492	..	..	..	..	..	..	3,360 Crushed.
18 B.	Do.	.142	·372	·466	·534	·563	..	..	..	..	5,600 Do.
18 C.	Do.	·166	·505	·608	..	..	..	..	..	..	3,360 Do.
19 A.	Blue Gum of Camden	·013	·080	·332	·454	·498	·526	·555	·580	·600	10,080 Do.
19 B.	Do.	·011	·091	·380	·504	·544	·573	·594	..	..	7,840 Do.
19 C.	Do.	·010	·034	·376	·460	·520	·558	..	..	..	6,720 Do.
19 D.	Do.	·015	·057	·227	·432	·538	..	..	..	..	5,600 Do.
20 A.	Blue Gum	·010	·027	·216	·446	·499	·530	..	..	..	6,720 Do.
20 B.	Do.	·012	·036	·206	·276	·340	·452	·486	·527	·548	10,080
21 A.	Blue Gum	·012	·044	·153	..	..	..	..	..	..	4,032
21 B.	Do.	·012	·051	·430	·483	·542	·566	·587	·605	·618	10,080
21 C.	Do.	·010	·030	·128	·306	·387	·422	·446	·470	·495	10,080

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
	NEW SOUTH WALES, S.											
21 D.	Blue Gum	·014	·040	·110	..	..	..	..	..	..	3,780	
23 A.	Grey Gum	·010	·020	·098	·184	·259	·328	..	..	..	6,244	
23 B.	Do.	·012	·033	·121	..	..	..	..	..	..	4,368	
24 A.	Woolly Butt of Illawarra	·014	·312	..	..	..	..	..	..	..	2,072	
24 B.	Do.	·036	·238	..	..	..	..	..	..	..	2,016	
25 A.	Rough-barked Gum	·010	·048	·193	..	..	..	..	..	..	4,032	
25 B.	Do.	·010	·070	·270	..	..	..	..	..	..	3,864	
25 C.	Do.	·009	·018	·158	..	..	..	..	..	..	3,752	
25 D.	Do.	·009	·016	·104	..	..	..	..	..	..	3,808	
26 C.	Spotted or Mottled Gum	·017	·125	·462	..	..	..	..	..	..	4,256	
26 D.	Do.	·008	·067	..	..	..	..	..	..	..	3,248	
27 A.	Black Butt Gum	·051	·397	..	..	..	..	..	..	..	2,800	
27 B.	Do.	·020	·453	·552	·581	·601	·620	·633	·647	·656	10,080	
27 C.	Do.	·042	..	..	..	..	..	..	..	..	1,568	
27 D.	Do.	·030	..	..	..	..	..	..	..	..	1,680	
37 A.	Eucalyptus, sp.	·011	·036	·276	..	..	..	..	..	..	3,248	
37 B.	Do.	·010	·030	·136	..	..	..	..	..	..	3,696	
37 C.	Do.	·010	·029	·125	..	..	..	..	..	..	3,752	
37 D.	Do.	·008	·015	·054	..	..	..	..	..	..	3,920	
38 A.	Grey Gum from Brisbane Water	·010	·054	..	..	..	..	..	..	..	2,772	
38 B.	Do.	·014	·078	..	..	..	..	..	..	..	2,632	
38 C.	Do.	·012	·056	..	..	..	..	..	..	..	2,688	
38 D.	Do.	·013	·085	..	..	..	..	..	..	..	2,884	
40 A.	Messmate	·027	·192	..	..	..	..	..	..	..	2,632	
40 B.	Do.	·016	·132	..	..	..	..	..	..	..	3,164	
40 C.	Do.	·014	·171	..	..	..	..	..	..	..	2,464	
40 D.	Do.	·014	·131	..	..	..	..	..	..	..	2,800	
42 A.	Swamp Mahogany	·016	·120	·348	·409	·494	·520	·548	·572	·593	10,080	
42 B.	Do.	·014	·336	·495	·558	·585	·604	·629	·640	·656	10,080	
42 C.	Do.	·032	·202	·386	..	..	..	..	..	..	3,052	
43 A.	Do.	·082	·332	·522	·592	·620	·643	·655	·664	·676	10,080	
43 B.	Do.	·135	·520	·581	·654	·668	·678	·688	·697	·706	10,080	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
	NEW SOUTH WALES, S.											
43 C.	Swamp Mahogany	·145	·412	·563	·606	·628	·646	·661	·677	·688	10,080	
43 D.	Do.	·138	·508	·590	·614	·647	·660	·674	·682	..	10,080	
44 A.	Mahogany	·011	·076	·450	·488	·521	·568	·585	·616	·637	10,080	
44 B.	Do.	·016	·279	·361	·414	·500	·544	·576	·602	·624	10,080	
46 A.	Stringy Bark of Coast	·043	·263	·411	·510	·544	·568	·589	·609	·621	10,080	
46 B.	Do.	·027	·188	·425	·485	·528	·565	·592	·614	·634	10,080	
46 C.	Do.	·032	·310	·485	·516	·559	·582	·600	·619	·633	10,080	
46 D.	Do.	·030	·560	·600	·623	·639	·657	·667	·678	·688	10,080	
47 A.	Stringy Bark, Appin.	·018	·215 s	..	..	..	..	..	..	..	2,968	
47 B.	Do.	—	—	—	—	—	—	—	—	—	—	
48 A.	Stringy Bark, Camden	·013	·137	·459	·489	·521	·543	·556	·574	·588	10,080	
48 B.	Do.	·014	·167	..	..	..	..	..	..	..	2,408	
48 C.	Do.	·009	·116	..	..	..	..	..	..	..	2,688	
48 D.	Do.	·014	·309	..	..	..	..	..	..	..	2,464	
49 A.	Stringy Bark, Berrima	·075	·278	·573	·600	·620	·638	·649	·658	·669	10,080	
49 B.	Do.	·009	·311	·561	·612	·633	·654	·668	·688	·697	10,080	
49 C.	Do.	·046	·284	·421	·465	·510	·551	·593	·619	·642	10,080	Crushed.
49 D.	Do.	·038	·222	·370	·452	·505	·529	·565	·580	·609	10,080	
52 A.	Apple Tree of Coast	·165	·462	·567	·608	·638	·656	·669	·679	·688	10,080	Crushed.
52 B.	Do.	·137	·302	..	..	..	..	..	..	..	2,464	
52 C.	Do.	·101	·238	..	..	..	..	..	..	..	2,408	
52 D.	Do.	·065	..	..	..	..	..	..	..	..	1,848	
53 A.	Apple Tree	·068	·313	·541	·581	·602	·624	·643	·654	·667	10,080	Crushed.
53 B.	Do.	·113	·216	·300	·495	·564	·597	·624	·644	·656	10,080	Do.
53 C.	Do.	·037	·298	·464	·574	·606	·636	·653	·672	·687	10,080	Do.
53 D.	Do.	·036	·195	·460	·530	·586	·608	·628	·647	·670	10,080	Do.
54 A.	Turpentine	·020	·129	..	..	..	..	..	..	..	3,248	
54 B.	Do.	·015	·116	·276	·511	·555	·586	·602	·616	·630	10,080	Crushed.
55 A.	Water Gum	·024	·108	·199	·256	·297	·341	..	..	..	7,448	
55 B.	Do.	·108	·217	·294	·346	·386	·418	·526	·582	·612	10,080	
57 A.	Hickory	·086	·228	·306	·350	·402	..	..	..	..	6,636	
57 B.	Do.	·160	·282	·339	·379	·409	·435	..	..	..	7,644	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
	NEW SOUTH WALES, S.											
57 C.	Hickory	·068	·226	·322	·414	·494	..	..	..	..	5,936	
57 D.	Do.	·122	·261	·324	·368	·398	·422	..	..	..	7,784	
59 A.	Prickly Tea Tree	·222	·364	·446	·574	·614	·647	·670	·681	·700	10,080	
59 B.	Do.	·214	·404	·602	·644	·682	·696	·708	·718	·727	10,080	Crushed.
60 A.	Common Tea Tree	·030	·201	·301	·363	·428	..	..	..	..	6,608	
60 B.	Do.	·093	·365	·443	·553	·603	·653	·676	·697	·710	10,080	Crushed.
60 C.	Do.	·028	·179	·305	·400	..	..	..	..	..	5,264	
64 A.	Broad-leaved Tea Tree	·017	·103	·223	·374	..	..	..	..	..	5,208	
64 B.	Do.	·013	·100	·250	..	..	..	..	..	..	3,472	
70 A.	Myrtle	·009	·034	·180	..	..	..	..	..	..	3,864	
70 B.	Do.	·007	·015	·101	·327	..	..	..	..	..	4,816	
84 A.	Black Wattle of Illawarra	·004	·196	·288	·553	..	..	..	..	..	5,544	
84 B.	Do.	·047	·162	·255	·319	·390	..	..	..	..	5,600	
105 A.	River or White Oak	·010	·024	·070	..	..	..	..	..	..	6,552	
105 B.	Do.	·022	·067	·150	·232	·313	..	..	..	..	6,272	
108 A.	Beech Brush Cherry	·130	·272	·340	·385	·413	·448	·460	·477	·488	10,080	Very good, not moved.
108 B.	Do.	·121	·266	·335	·374	·402	·428	·450	·468	·496	10,080	
120 A.	Teak Wood	·222	·371	·469	·513	·556	·615	..	..	..	7,504	
120 B.	Do.	·338	·414	·488	·512	·549	·555	·566	·580	..	9,268	
125 A.	Maiden's Blush, Ladies' Blush	·315	·461	·506	·535	·564	·587	·630	·650	·678	10,080	
125 B.	Do.	·375	·470	·517	·539	·557	·570	·581	·590	·596	10,080	
125 C.	Do.	·403	·484	·523	·546	·562	·576	·586	·596	·605	10,080	
125 D.	Do.	—	—	—	—	—	—	—	—	—	—	
127 A.	Tamarind Tree	·242	·473	·557	·604	·636	·662	..	..	..	6,720	
136 A.	White Maple	·267	·364	·406	·450	·500	..	..	..	..	6,272	
136 B.	Do.	·232	·358	·416	·448	·482	..	..	..	..	5,824	
136 C.	Do.	·161	·448	·609	·651	·680	·703	·717	·727	·736	10,080	Crushed.
136 D.	Do.	·221	·318	·384	·420	·453	·517	..	..	..	7,804	
137 B.		·025	·125	·231	·286	..	..	..	..	..	4,872	
139 A.	White Myrtle, Blue Ash, Ash	·411	·511	·547	·572	·593	·618	·632	·643	·654	10,080	Very good.
140 A.	Light Wood, Leather Jacket, Coach Wood.	·343	·467	·525	·557	·578	·599	·619	·637	·685	10,080	Good.

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
	NEW SOUTH WALES, S.											
140 B.	Light Wood, Leather Jacket, Coach Wood.	·336	·477	·534	·570	·594	·620	·650	..	..	8,923	
154 A.	Red Ash, Leather Jacket, Cooper's Wood.	·022	·128	·260	·412	·446	·484	..	..	..	6,720	
154 B.	Do.	·072	·236	·339	·382	·445	·470	..	..	..	7,560	Good.
155 A.	Found at Illawarra, Brisbane Water.	·081	·329	·438	·492	·526	·589	·610	·634	·643	10,080	
155 B.	Do.	·078	·350	·452	·529	·570	·598	·630	·643	·659	10,080	
171 A.	White Beech; Beech	·374	·474	·538	..	..	..	..	..	..	4,144	Good.
171 B.	Do.	·360*	·471	·624	·685	·699	·615	·727	·743	·758	10,080	Not quite dry. Crushed.
171 C.	Do.	·406	·522	·573	·603	·625	·654	..	..	..	7,588	
171 D.	Do.	·394	·584	·716	·732	·748	·764	·775	·788	·799	10,080	Not quite dry.
176-16.	Polai Cedar	—	—	—	—	—	—	—	—	—	—	
177 A.	Mountain Ash	·112	·448	·569	·604	·630	·655	·676	·688	·698	10,080	
177 B.	Do.	·119	·477	·587	·612	·634	·658	·675	·696	·708	10,080	
177 C.	Do.	·194	·496	·596	·634	·656	·674	·687	·698	·709	10,080	
177 D.	Do.	·140	·558	·638	·669	·689	·700	·711	·721	·730	10,080	Crushed.
177 A.	Spoke	·006	·023	..	..	..	..	..	..	..	3,220	
	NEW SOUTH WALES, HUNTER'S RIVER.											
1 A.		—	—	—	—	—	—	—	—	—	—	No experiments.
3 A.		—	—	—	—	—	—	—	—	—	—	
5 A.		—	—	—	—	—	—	—	—	—	—	
5 B.		—	—	—	—	—	—	—	—	—	—	
6 A.		—	—	—	—	—	—	—	—	—	—	
7 A.		—	—	—	—	—	—	—	—	—	—	
7 A*a*.		—	—	—	—	—	—	—	—	—	—	
8 A.		—	—	—	—	—	—	—	—	—	—	
8 B.		—	—	—	—	—	—	—	—	—	—	
9 A.		—	—	—	—	—	—	—	—	—	—	
9 A.		—	—	—	—	—	—	—	—	—	—	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
QUEENSLAND.												
4 A.	Cypress Pine	·242	·412	·468	·490	·506	·516	·528	·540	..	9,744	Good fracture.
5 A.	She Pine	·458	·520	·550	·568	·581	·593	·601	·609	·622	10,080	
5 B.	Do.											
5 A*a*.	Do.	·250	·449	·511	·554	·564	·575	·587	·595	·602	10,080	
5 A*b*.	Do.	·378	·504	·546	·570	·586	·598	·608	·618	·630	10,080	Good fracture.
6 A.	Forest Oak	·006	·010	·019	..	..	..	..	..	..	3,920	
6 B.	Do.	·010	·020	·057	·100	·132	·165	·188	·215	·268	9,912	
6 A*a*.	Do.	·104	·234	·322	·416	·445	·501	..	..	..	6,272	
6 A*b*.	Do.											
7 A.	River Oak	·049	..	..	..	..	..	..	..	..	1,568	
8 A.	Shingle Oak	·057	·186	·289 s	·362	..	..	..	..	..	5,336	s. Started here.
8 B.	Do.	·307	·411	·465	·510	·540	·561	..	..	..	7,784	
8 A*a*.	Do.	·242	·354	·398	·435	·462	·488	·558	..	..	7,784	
8 A*b*.	Do.	·252	·335	·388	·414	·432	·454	·464	·476	·442	10,080	
9 A.	Swamp Oak	·010	·015	·026	·052	·080	·108	·132	·161	..	9,212	Very good fracture.
9 B.	Do.	·008	·014	·026	·076	·149	..	..	..	..	5,600	
10 A.	Red Cedar	·436	·558	·620	·644	·666	·678	·689	·700	·716	10,080	
10 B.	Do.	·387	·508	·558	·586	·608	·627	·638	·650	..	9,856	Good fracture.
10 A*a*.	Do.	·408	·526	·579	·604	·626	·639	·655	·700	·725	10,080	
10 A*b*.	Do.	·461	·570	·620	·642	·662	·676	·688	·700	·723	10,080	
11 A.	Light Yellow Wood	·352	·444	·499	·534	·554	..	..	..	..	6,384	
11 B.	Do.	·264	·449	·534	·653	·673	·695	·708	·730	·741	10,080	
11 A*a*.	Do.	·280	·434	·521	·607	·633	·656	·670	·684	·696	10,080	
11 A*b*.	Do.	·253	·402	·503	·584	..	..	..	..	..	5,336	
12 A.	Flindosa	·010	·083	..	..	..	..	..	..	..	2,277	
12 B.	Do.	·012	·082	..	..	..	..	..	..	..	2,408	
12 A*a*.	Do.	·013	·117	..	..	..	..	..	..	..	2,352	
12 A*b*.	Do.	·014	·102	·239	..	..	..	..	..	..	2,968	
13 A.		·174	·328	·392	·441	·487	·524	..	..	..	6,356	
13 B.		·223	·340	·397	·434	·466	..	..	..	..	6,384	Good fracture.
13 A*a*.		152	·309	·382	·420	·472	..	..	..	.	6,664	Good fracture.
13 A*b*.		·198	·312	·368	·407	·428	·452	..	..	..	6,804	Good fracture.

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
QUEENSLAND.												
14 A.	-											
14 B.	-											
15 A.	Silky Oak	·455	·540	·610	..	..	..	..	..	..	4,256	
15 B.	Do.	·416	·513	·598 ?	..	..	..	..	..	..	4,396	
15 A*a*.	Do.	·400	·500	·595	·636	·729	·744	·765	·778	·794	10,080	Severe fracture.
15 A*b*.	Do.	·464	·562	·604	·729	·755	·772	·781	·791	·810	10,080	
16 A.	Beef Wood	·365	·463	·528	·558	·595	·624	·657	..	..	8,400	
16 B.	Do.	·478	·539	·578	·607	·627	·640	·654	·667	·682	10,080	Good tough fracture.
16 A*a*.	Do.	·446	·532	·618	·646	·672	·688	·704	·715	·729	10,080	
16 A*b*.	Do.	·447	·509	·551	·571	·595	·610	·644	..	..	7,420	
17 A.	Tulip Tree	·213	·319	·386	·430	·511	..	..	..	..	5,600	
17 B.	Do.	·255	·358	·418	·456	·517	..	..	..	..	6,384	Slight dry rot.
17 A*a*.	Do.	·295	·344	·437	·494	·585	·606	·626	..	..	7,392	
17 A*b*.	Do.	·204	·329	·387	..	..	..	..	..	..	4,480	
18 A.	-											
18 B.	-											
19 A.	Light Wood	·024	·179	·320	·427	..	..	..	..	..	4,928	
19 B.	Do.	·016	·197	..	..	..	..	..	..	..	3,248	
19 A*a*.	Do.	·030	·200	..	..	..	..	..	..	..	3,304	
19 A*b*.	Do.	·024	·180	..	..	..	..	..	..	..	3,052	
20 A.	Callhum	·010	·017	·064	..	..	..	..	..	..	3,360	
20 B.	Do.	·006	·012	·044	·107	..	..	..	..	..	5,376	
20 A*a*.	Do.	·258	·484	..	..	..	..	..	..	..	3,080	
20 A*b*.	Do.	·241	·462	·600	·645	·670	·696	·709	·727	·744	10,080	Severe fracture.
20 B*a*.	Do.	·263	·491	·624	·653	·670	·686	·703	·718	·734	10,080	
20 B*b*.	Do.											
21 A.	Cabbage Tree	..	..	..	..	..	..	..	..	..	..	Broke, under ½ ton.
21 B.	Do.	..	..	..	..	..	..	..	..	..	..	Broke, under ½ ton.
23 A.	Mountain Ash											
23 B.	Do.	·018	·090	·212	·384	..	..	..	..	..	4,592	
23 A*a*.	Do.	·007	·015	·137	..	..	..	..	..	..	4,144	
23 A*b*.	Do.	·019	·132	·288	..	..	..	..	..	..	4,452	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
QUEENSLAND.												
24 A.	Broad-leaved Cherry Tree	·008	·027	·110	..	..	..	..	..	..	3,976	
24 B.	Do.	·010	·050	·021	..	..	..	..	..	..	3,752	
24 Aa.	Do.	·010	·038	·169	..	..	..	..	..	..	3,696	
24 Ab.	Do.	·009	·042	·156	..	..	..	..	..	..	3,808	
25 A.	Cherry	·047	·269	·445	..	..	..	..	..	..	3,360	
25 B.	Do.	·070	·268	·370	..	..	..	..	..	..	4,443	
25 Aa.	Do.	·126	·305	·391	·451	·500	·530	..	..	..	6,720	
25 Ab.	Do.	·090	·308	·453	..	..	..	..	..	..	4,293	
28 A.	Mangrove	·233	·366	·439	·512	·600	·624	·643	·658	·676	10,080	
28 B.	Do.	·071	·220	·420	·490	·542	·579	·602	·625	·648	10,080	Severe fracture; dry rot.
28 Aa.	Do.	·191	·374	·502	·588	·612	·630	·651	·664	·676	10,080	Do.
28 Ab.	Do.	·121	·263	·398	·506	·575	·603	·622	·640	·655	10,080	Severe fracture.
29 A.	Lignum Vitæ	·006	·013	·156	·254	..	..	..	..	..	5,544	
29 B.	Do.	·008	·015	·134	..	..	..	..	..	..	4,368	
29 Aa.	Do.	·009	·020	·160	·257	·309	·348	..	..	..	6,720	
29 Ab.	Do.	·009	·021	·162	·256	·308	..	..	..	..	6,580	
30 A.	Beech	·338	·475	·566	..	..	..	..	..	..	3,780	
30 B.	Do.											
30 Aa.	Do.	·403	·512	·550	·575	..	..	..	..	..	5,264	
30 Ab.	Do.	·369	·506	·555	..	..	..	..	..	..	3,780	
31 A.	White Cedar	·370	·460	·521	·564	..	..	..	..	..	5,096	
31 B.	Do.	·342	·433	·496	·553	..	..	..	..	..	5,376	
31 Aa.	Do.	·350	·447	·504	·548	·587	..	..	..	..	6,720	
31 Ab.	Do.	·348	·454	·510	·561	·612	..	..	..	..	6,608	
32 A.	Plum Tree	·016	·218	·395	..	..	..	..	..	..	4,368	
32 B.	Do.	·010	·137	..	..	..	..	..	..	..	3,080	
32 Aa.	Do.	·016	·201	..	..	..	..	..	..	..	2,996	
32 Ab.	Do.	·054	·264	..	..	..	..	..	..	..	2,576	
33 A.	Rosewood	·252	·400	·564	·595	·632	..	..	..	..	6,132	
33 B.	Do.	·210	·345	·413	·442	·478	·529	·615	·633	·650	10,080	
33 Aa.	Do.	·374	·487	·527	·550	·568	·589	..	..	..	7,616	
33 Ab.	Do.	·166	·496	·567	·613	·638	·668	·680	·695	·707	10,080	Not quite dry.

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
QUEENSLAND.												
34 A.	Dark Yellow Wood	·138	·332	·414	·469	..	..	..	..	..	5,488	
34 B.	Do.	·044	..	..	..	..	..	..	..	..	1,932	
35 A.	Cugerie	·400	·510	·570	·544	..	..	..	..	..	5,040	Severe fracture.
35 B.	Do.	·468	·581	·700	·730	·744	·760	·768	·780	·786	10,080	
35 A*a*.	Do.	·330	·538	·624	·655	·673	·701	·714	·725	·732	10,080	
35 A*b*.	Do.											
36 A.		·007	·025	·134	..	..	..	..	..	..	4,443	
36 B.		·038	·150	·226	·348	·432	..	..	..	..	6,328	Good fracture.
36 A*a*.		·014	·089	·204	·272	·310	·341	..	..	..	6,888	
36 A*b*.		·017	·129	·214	·274	·306	·374	·414	..	..	8,568	Good fracture.
37 A.		—	—	—	—	—	—	—	—	—	—	No experiment.
37 B.		—	—	—	—	—	—	—	—	—	—	Do.
37 A*a*.	Capparis Mitchelli	·442	·516	·544	·567	·579	·594	·604	·619	·689	10,080	Very good fracture.
37 A*b*.	Do.	·385	·460	·489	·510	·524	·535	·544	·552	·560	10,080	Do.
38 A.	Grey Plum	·252	·376	·426	·458	·483	·502	·514	·526	..	10,024	
38 B.	Do.	·164	·341	·457	..	..	..	..	..	..	4,256	
38 A*a*.	Do.	·088	·300	..	..	..	..	..	..	..	3,248	
38 A*b*.	Do.	·020	·278	..	..	..	..	..	..	..	2,884	
39 A.	Sassafras	·170	·376	·473	·548	·590	·616	·659	·690	·704	10,080	
39 B.	Do.	·184	·400	·487	·561	·578	·615	·640	·668	·699	10,080	
39 A*a*.	Do.	·328	·450	·498	·528	·548	·562	·583	..	..	8,848	
39 A*b*.	Do.	·308	·429	·476	·503	·525	·542	·554	·627	·656	10,080	Good fracture.
40 A.		·026	·098	·199	·266	·304	·326	·350	·378	..	9,520	
40 B.		·057	·260	·343	·388	·412	·465	·543	·560	..	9,744	
40 A*a*.		·030	·118	·221	·282	·325	..	..	..	..	6,244	
40 A*b*.		·097	·177	·286	·334	..	..	..	..	..	5,376	
41 A.	Cupania Pseudorilius	·148	·314	·404	·443	·480	·505	..	..	..	6,720	
41 B.	Do.	·124	·265	·342	·380	·406	..	·448	·470	·485	10,080	Very tough wood.
43 A.	Tamarind Tree	·432	·502	·530	·552	·568	·579	·590	·598	·601	8,960	Tough wood.
43 B.	Do.	·458	·517	·549	·573	·586	·598	·607	·616	·630	10,080	Good fracture.
43 A*a*.	Do.	·245	·445	·516	·557	..	..	..	..	..	5,152	
43 A*b*.	Do.	·301	..	..	..	..	..	..	..	..	1,568	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
QUEENSLAND.												
44 A.	Tulip Wood	·022	·100	·192	·253	·283	..	..	..	..	6,440	
44 B.	Do.	·030	·158	·238	·293	..	..	..	..	..	5,432	
44 A*a*.	Do.	·018	·119	·206	·270	..	..	..	..	..	5,040	
44 A*b*.	Do.	·019	·047	·140	·250	..	..	..	..	..	5,152	
45 A.		·036	·200	·307	·438	·568	·565	..	.	..	6,888	
45 B.		·061	·273	·402	·468	..	..	..	..	..	4,676	
45 A*a*.		·030	·236	..	..	..	..	..	..	..	2,968	
45 A*b*.		·032	·173	·323	·398	..	..	..	..	..	4,816	
46 A.	Catha Cunninghami	·012	·197	·336	..	..	..	..	..	..	4,144	
46 B.	Do.	·014	·199	·312	..	..	..	..	..	..	4,368	
46 A*a*.	Do.	·020	·207	·317	·400	..	..	..	..	..	5,152	
46 A*b*.	Do.											
47 A.	Lime	·266	·376	·472	..	..	..	..	..	..	3,948	
47 B.	Do.	·126	·298	·380	·424	..	..	..	..	..	4,480	
48 A.		·016	·114	·235	·428	..	..	..	..	..	4,480	
48 B.		·016	·080	·203	..	..	..	..	..	..	3,752	
49 A.	Parviflora	·032	·206	·286	·328	·360	..	..	..	..	6,496	
49 B.	Do.	·025	·154	..	..	..	..	..	..	..	3,304	
49 A*a*.	Do.	·017	·088	·215 s	..	..	..	..	..	..	4,368	
49 A*b*.	Do.	·009	·084s	..	..	..	..	..	..	..	2,501	
47 A*a*.	Lime	·240	·377	·434	·452	·492	..	..	..	..	6,104	
47 A*b*.	Do.	·038	·232	·331	·379	·417	..	..	..	..	6,692	
48 A*a*.		·008	·016	·090	..	..	..	..	..	..	4,172	
48 A*b*.		·009	·042	·165	..	..	..	..	..	..	3,920	
50 A.	Maba Geminata	·130	·254	·324	·366	·396	..	..	..	..	6,720	
50 B.	Do.	·138	..	..	..	..	..	..	..	..	2,128	
50 A*a*.	Do.	·065	..	..	..	..	..	..	..	..	1,848	
50 A*b*.	Do.	·035	..	..	..	..	..	..	..	..	2,240	
51 A.	Cargillia australis											
51 B.	Do.	·233	·402	·480	..	..	..	..	..	..	3,696	
52 A.	Hodgkinsonia ovatiflora	·013	·203	·329	·476	·623	·653	·671	·687	·700	10,080	
52 B.	Do.	·014	·210	·341	·440	..	..	..	..	..	4,564	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	REMARKS.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
QUEENSLAND.												
52 A*a*.	Hodgkinsonia ovatiflora	·070	·256	·339	·399	·430	·459	·482	..	..	8,699	
52 A*b*.	Do.	·122	·288	·364	·410	·448	·514	..	..	..	6,981	
53 A.		·084	·218	·297	·358	..	..	..	..	..	5,336	
53 B.		·050	·215	·390	..	..	..	..	..	..	4,368	
53 A*a*.		·086	·270	..	..	..	..	..	..	..	3,276	
53 A*b*.		·030	·195	..	..	..	..	..	..	..	2,968	
54 A.		·017	·192	..	..	..	..	..	..	..	2,856	
54 B.		·013	·210	..	..	..	..	..	..	..	2,436	
54 A*a*.		·046	·204	·301	·367	..	..	..	..	..	5,320	
54 A*b*.		·200	·384	·440	·485	·518	·540	·554	·572	·650	10,080	
55 A.	Backhousia citriodora	·087	·249	·529	·578	·658	·678	·690	·700	·712	10,080	Severe fracture.
55 B.	Do.	·054	·192	·270	..	..	..	..	..	..	4,172	
55 A*a*.		·010	·300	..	..	..	..	..	..	..	2,576	
55 A*b*.		·018	·410	·576	·618	·647	·669	·682	·696	·712	10,080	
56 A.	Eugenia marginata	·325	·422	..	·545	·616	·642	·671	·693	·709	10,080	
56 B.	Do.	·317	·420	·603	·676	·688	·704	·714	·725	·733	10,080	
56 A*a*.	Do.	·310	·600	·662	·684	·700	·712	·724	·734	·742	10,080	
56 A*b*.	Do.	·324	·520	·629	·654	·679	·694	·707	·718	·729	10,080	
57 A.	Ironwood	·013	·123	·276	..	..	..	..	..	..	3,920	
57 B.	Do.	·008	·020	·136	·276	..	..	..	..	..	4,760	
58 A.	Myrtle	·010	·093	·222	..	..	..	..	..	..	3,808	
58 B.	Do.	·012	·084	·215	..	..	..	..	..	..	4,200	Severe fracture.
58 A*a*.	Do.	·006	·046	·196	..	..	..	..	..	..	3,780	
59 A.	Myrtus Aemenoide	·212	·360	·540	·592	·620	·638	..	..	..	7,748	
59 B.	Do.	·199	·368	..	..	..	..	..	..	..	3,360	
59 A*a*.	Do.	·280	·424	·473	·519	·597	..	..	..	..	6,664	
59 A*b*.	Do.	·258	·403	·531	·612	·685	·700	·722	·736	·745	10,080	
60 A.		·019	·214	..	..	..	..	..	..	..	3,276	
60 B.		·016	·210	·316	..	..	..	..	..	..	3,472	
60 A*a*.		·047	·242	..	..	..	..	..	..	..	3,320	
61 A.	N. O. Myrtaceæ	·010	·072	..	..	..	..	..	..	..	3,304	
61 B.	Do.	—	—	—	—	—	—	—	—	—	—	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
	QUEENSLAND.											
61 *a.*	N. O. Myrtaceæ	·011	·048	·167	·428	·455	·488	·514	·532	·549	10,080	
61 *b.*	Do.	·011	·042	·363	·442	·521	·545	·570	·590	·611	10,080	
62 A.	Box	·058	·239	·338	..	..	..	..	..	..	4,060	
62 B.	Do.	·033	·179	·282	..	..	..	..	..	..	4,368	
62 *a.*	Do.	·100	·318	·630	·666	·690	·709	·720	·728	·735	10,080	Severe fracture.
62 *b.*	Do.	·016	·206	·380	..	..	..	..	..	..	4,424	
63 A.	Black Ironwood	·009	·052 s	..	..	..	..	..	..	..	2,352	
63 B.	Do.	·008	·072 s	..	..	..	..	..	..	..	2,352	
63 *a.*	Do.	·008	·037 s	..	..	..	..	..	..	..	2,968	
63 *b.*	Do.	·008	·033 s	..	..	..	..	..	..	..	2,800	
64 A.	Grey Iron Bark	·007	·106 s	..	..	..	..	..	..	..	2,380	
64 B.	Do.	·009	·019 s	..	..	..	..	..	..	..	2,688	
64 *a.*	Do.	·009	·114 s	..	..	..	..	..	..	..	2,324	
64 *b.*	Do.	·008	·096 s	..	..	..	..	..	..	..	2,548	
65 A.	Red Iron Bark	·008	·030	·144	·319 s	·415	·448	·473	·502	·525	10,080	
65 B.	Do.	·012	·028	·118	..	..	..	..	..	..	3,864	
65 *a.*	Do.	·007	·018	..	..	..	..	..	..	..	3,108	
65 *b.*	Do.	·008	·038	·146	..	..	..	..	..	..	3,584	
66 A.	Stringy Bark	·009	·158 s	..	..	..	..	..	..	..	2,408	
66 B.	Do.	·012	·168 s	·430	·521	·560	·590	·616	·638	·650	10,080	Severe fracture.
66 *a.*	Do.	·012 s	..	..	..	..	..	..	..	..	2,184	
66 *b.*	Do.	·009	·081 s	..	..	..	..	..	..	..	2,464	
67 A.	Spotted Gum	·008	·035	·134 s	..	..	..	..	..	..	3,584	
67 B.	Do.	·008	·021 s	·106	..	..	..	..	..	..	3,948	
67 *a.*	Do.	·008	·055 s	..	..	..	..	..	..	..	2,436	
67 *b.*	Do.	·008	·041 s	..	..	..	..	..	..	..	2,464	
68 A.	Turpentine Tree	·009	·147	..	..	..	..	..	..	..	2,352	
68 B.	Do.	·014 s	..	..	..	..	..	..	..	..	1,876	
68 *a.*	Do.	·012 s	·117	..	..	..	..	..	..	..	2,716	
68 *b.*	Do.	·010 s	·124	..	..	..	..	..	..	..	2,464	
69 A.	Smooth-barked Gum	·108 s	·294	..	..	..	..	..	..	..	2,408	
69 B.	Do.	·081	·240 s	..	..	..	..	..	..	..	2,912	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
	QUEENSLAND.											
69 A*a*.	Smooth-barked Gum	·118	·248 s	..	..	..	..	..	..	..	3,136	
69 A*b*.	Do.	·093	·446 s	·529	·568	·592	·611	·624	·640	·656	10,080	Severe fracture.
70 A.	Blood Wood	·038	·155	·245	·302 s	..	..	..	..	..	5,077	
70 B.	Do.	·166	·334 s	·417	·465	·554	·576	·594	·618	·640	10,080	
70 A*a*.	Do.	·018	·255	..	..	..	..	..	..	..	3,136	
70 A*b*.	Do.	·016	·213 s	·372	·464	·550	·590	·616	·629	·652	10,080	Severe fracture.
71 A.	Swamp Mahogany	·007 s	..	..	..	..	..	..	..	..	2,044	
71 B.	Do.	·011 s	..	..	..	..	..	..	..	..	2,091	
71 A*a*.	Do.	·008 s	..	..	..	..	..	..	..	..	2,072	
72 A.	Woolly Butt	·013 s	·073	..	..	..	..	..	..	..	2,660	
72 B.	Do.	·012	·070 s	..	..	..	..	..	..	..	2,856	
72 A*a*.	Do.	·010 s	..	..	..	..	..	..	..	..	1,904	
72 B*b*.	Do.	·008	·040	..	..	..	..	..	..	..	2,968	
73 A.	Blue Gum	·044	·169 s	·369	..	..	..	..	..	..	4,088	
73 B.	Do.	·074	·218 s	..	..	..	..	..	..	..	2,576	
73 A*a*.	Do.	·028	·146 s	..	..	..	..	..	..	..	2,800	
73 A*b*.	Do.	·042	·174	·399 s	·481	·530	·557	·579	·595	·616	10,080	
76 A.	Prickly-leaved Tea Tree	·147	·310	·389 s	·432	·489	·572	·632	·657	·673	10,080	Severe fracture.
76 B.	Do.	·118	·326	·396 s	·461	·509	·575	·603	·639	·654	10,080	
76 A*a*.	Do.	·142	·350	·437 s	·550	·617	·664	·684	·698	·712	10,080	
76 A*b*.	Do.	·216	·365	·433	·479	·515 s	—	—	—	—	—	
77 A.	Broad-leaved Tea Tree	·157	·306	·370	·407 s	..	..	..	..	..	5,516	
77 B.	Do.	·167	·297	·360	·404	·430	·453 s	·481	·579	·594	10,080	Tough fracture.
79 A.	Common Tea Tree	·020	·172 s	..	..	..	..	..	..	..	3,099	
79 B.	Do.	·019	·142 s	..	..	..	..	..	..	..	2,688	
79 A*a*.	Do.	·010 s	..	..	..	..	..	..	..	..	2,016	
79 A*b*.	Do.	·000	·214 s	·385								
80 A.	Bottle Brush Tree	·034	·205	·418 s	·492	·535	·568	·585	·612	·626	10,080	
80 B.	Do.	·051	·227 s	·400	..	..	..	..	..	..	3,388	
80 A*a*.	Do.	·022	·166 s	..	..	..	..	..	..	..	2,912	
80 A*b*.	Do.	·025	·164 s	·334	..	..	..	..	..	..	3,920	
81 A.		·086	·278 s	·385	..	..	..	..	..	..	3,808	Dry rotten specimen.

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
QUEENSLAND.												
81 B.	- - - - - -	·052	·212	·315	·359 s	·418	·448	..	..	..	6,720	Dry rotten specimen.
81 Aa.	- - - - - -	·024	·182 s	·305	..	..	..	..	..	..	3,920	Do. do.
81 Ab.	- - - - - -	·059	·236 s	·366	..	..	..	..	..	..	4,144	
83 A.	Rottlera - - - -	·023 s	..	..	..	..	..	..	..	..	1,680	
83 B.	Do. - - - -	·053	·365	..	..	..	..	..	..	..	3,024	
83 Aa.	Do. - - - -	·015 s	..	..	..	..	..	..	..	..	2,240	
83 Ab.	Do. - - - -	·016	·441 s	·545	·604	·630	·647	·662	·686	·689	10,080	Severe fracture.
84 A.	Satin Wood - - -	·101	·306	·393 s	·460	·516	..	..	..	..	5,824	
84 B.	Do. - - - -	·035	·238	·361 s	..	..	..	..	..	..	4,116	
84 Aa.	Do. - - - -	·129	·306	·385	·430 s	·476	..	..	..	..	6,188	
84 Ab.	Do. - - - -	·202	·364	·425	·470	·507	..	..	..	..	6,300	
86 A.	- - - - - -	·152	..	..	..	..	..	..	..	..	2,044	
86 B.	- - - - - -	—	—	—	—	—	—	—	—	—	—	
87 A.	Leichhardt's Wood - -	·573	..	..	..	..	..	..	..	..	..	Dry rotten specimen.
87 B.	Do. - - - -	·480	..	..	..	..	..	..	..	..	635	Do. do.
88 A.	Bursaria ferruginea - -	·025	·192	·290 s	·406	..	..	..	..	..	4,928	
88 B.	Do. - - - -	·015	·126	·244	·306	..	..	..	..	..	5,264	
88 Aa.	Do. - - - -	·023	·186	·296 s	·380	..	..	..	..	..	5,320	
88 Ab.	Do. - - - -	·016	·140 s	·396	..	..	..	..	..	..	3,752	
89 A.	Bursaria spinosa - -	·046	·225	·318	·370	·412 s	..	..	..	..	6,533	
89 B.	Do. - - - -	·103	·270	·352	·383	·413 s	·460	..	..	..	..	
90 A.	N. O. Pittosporaciæ? - -	·010	·049	·153	..	..	..	..	..	..	4,200	
90 B.	Do. - - - -	·010	·030	·120	·212 s	..	..	..	..	..	5,320	
91 A.	Crab Tree - - - -	·007	·010	·021 s	..	..	..	..	..	..	4,144	
91 B.	Do. - - - -	·010	·017	·069	..	..	..	..	..	..	3,976	
92 A.	Anacardiaceæ - - -	·476	·536	·568	·590	·607	·619 s	·635	·651	·758	10,080	Severe fracture.
92 B.	Do. - - - -	—	—	—	—	—	—	—	—	—	—	
92 Aa.	Do. - - - -	—	—	—	—	—	—	—	—	—	—	
92 Ab.	Do. - - - -	—	—	—	—	—	—	—	—	—	—	
92 Ba.	Do. - - - -	·547	·584	·600	·621	·630	·640	·649	·658	·670	10,080	Tough specimen.
92 Bb.	Do. - - - -											

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
	QUEENSLAND.											
93 A.	N. O. Stevenliaceæ	·143	..	..	..	..	..	..	..	..	1,960	Severe fracture; dry rotten specimen.
93 B.	Do.	·112	·330 s	..	..	..	..	..	..	..	2,324	
93 Aα.	Do.	·238	·396 s	..	..	..	..	..	..	..	3,360	
93 Aβ.	Do.	·152	·350 s	..	..	..	..	..	..	..	3,024	
94 A.	Silver Tree	·024	·153	..	..	..	..	..	..	..	2,464	
94 B.	Do.	—	—	—	—	—	—	—	—	—	—	
95 A.		—	—	—	—	—	—	—	—	—	—	
95 B.		—	—	—	—	—	—	—	—	—	—	
97 A.		·010	·105	·290	·500	..	..	..	..	..	4,480	
97 B.		·010	·073	·303	..	..	..	..	..	..	3,808	
97 Aα.		—	—	—	—	—	—	—	—	—	821	No experiments.
97 Aβ.		—	—	—	—	—	—	—	—	—	747	Do.
99 A.	Bean Tree	·337	·560	·647	·668	·680	·693	·708	·719	·730	10,080	
99 B.	Do.	·309	·506	·658	·683	·700	·718	·728	·740	·753	10,080	Severe fracture.
99 Aα.	Do.	·118	·348	..	..	..	..	..	..	..	2,352	
99 Aβ.	Do.	—	—	—	—	—	—	—	—	—	—	
100 Aα.	Ebenaceæ	—	—	—	—	—	—	—	—	—	—	
103 Aβ.	Do.	—	—	—	—	—	—	—	—	—	—	
102 A.	Do.	·492 s	·582	·626	..	..	..	..	..	..	4,256	Severe fracture.
102 B.	Do.	·497	·582 s	·638	..	..	..	..	..	..	4,032	
102 Aα.	Do.	·536 s	·594	..	..	..	..	..	..	..	2,604	
102 Aβ.	Do.	·563 s	·679	·706	·732	·756	·768	·778	·788	·795	10,080	
104 A.		·013	·153 s	·063	..	..	..	..	..	..	2,856	
104 B.		·009 s	..	..	..	..	..	..	..	..	2,986	
104 Aα.		·011	·088	·556 s	·583	·620	·645	·664	·676	·688	10,080	Severe fracture.
104 Aβ.		·015	·170 s	·328	..	..	..	..	..	..	3,976	
105 A.	Barkleya syringæfolia	·061	·215	·292	·348 s	·389	..	..	..	..	6,160	
105 B.	Do.	·040	·212	·319 s	·422	..	..	..	..	..	5,152	
105 Aα.	Do.	·052	·215	·319 s	·380	·422	..	..	..	..	5,992	
105 Aβ.	Do.	·019	·144	·353 s	..	..	..	..	..	..	3,976	
106 A.		·034	·142	·262	..	..	..	..	..	..	3,696	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
	QUEENSLAND.											
106 B.		·032	·110	·178	·228	·284	..	..	..	..	6,328	
106 A*a*.		·039	·157	·273	..	..	..	..	..	..	3,808	
106 A*b*.		·058	·238	..	..	..	..	..	..	..	2,604	
106 B*a*.		·030	·114	·234	·339	..	..	..	..	..	4,480	
106 B*b*.		·026	·129	·219	..	..	..	..	..	..	4,396	
106 C*a*.		·050	·165	·279	..	..	..	..	..	..	4,200	
106 C*b*.		·046	·160	·234	·297	..	..	..	..	..	4,704	
108 A.		·015	·076	·206	·288	·360	..	..	..	..	5,796	
108 B.		·009	·023	·160	·256	..	..	..	..	..	4,928	
108 A*a*.		·015	·095	·219	·314 s	·362	..	..	..	..	5,787	
108 A*b*.		·010	·070	·177	·260 s	..	..	..	..	..	5,040	
109 A.	Olive Tree	·016	·113	·216	·334 s	..	..	..	..	..	4,741	
109 B.	Do.	·012	·102	·212 s	·394	..	..	..	..	..	4,741	
109 A*a*.	Do.	·016	·125	·215	·275	..	..	..	..	..	5,616	
109 A*b*.	Do.	·015	·097	·199	·256	·304 s	..	..	..	..	6,384	
110 A.		—	—	—	—	—	—	—	—	—	—	
110 B.		·012	·085	·181	..	..	..	..	..	..	3,864	
110 A*a*.		·009	·038	·150 s	..	..	..	..	..	..	3,752	
110 A*a*.		·012	·042	·138	·213	..	..	..	..	..	4,816	
110 A*b*.		·009	·038	·150 s	..	..	..	..	..	..	3,752	
111 A.		·014	·060	·140 s	..	..	..	..	..	..	3,920	
111 B.		·020	·071 s	..	..	..	..	..	..	..	3,248	
111 A*a*.		·090 s	·248	..	..	..	..	..	..	..	2,688	
111 A*b*.		·047	·189 s	..	..	..	..	..	..	..	3,248	
112 A.		—	—	—	—	—	—	—	—	—	—	No experiments.
112 B.		—	—	—	—	—	—	—	—	—	—	Do.
112 A*a*.	N. O. Capparidaceæ	·093 s	·366	..	..	..	..	..	..	..	2,744	
112 A*b*.	Do.	·316 s	..	..	..	..	..	..	..	..	1,512	
113 A.	Mangrove	·042	·167	·246	·297	·340	·366 s	..	..	..	7,616	
113 B.	Do.	·012	·070 s	..	..	..	..	..	..	..	3,360	
113 A*a*.	Do.	..	..	..	..	..	..	..	..	..	..	Split.
113 A*b*.	Do.	·026	·143	·222	·280	·325 s	..	..	..	..	5,824	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
	QUEENSLAND.											
114 A.	Celtis sp.	·239	·390	·457	·498 s	·531	·558	·582	..	..	8,288	
114 B.	Do.	·200	·350	·440	·484	·552	..	..	..	..	6,188	
114 A*a*.		—	—	—	—	—	—	—	—	—	—	No experiments.
114 A*b*.		—	—	—	—	—	—	—	—	—	—	Do.
115 A.		·012	·113	..	..	..	..	..	..	..	3,080	
115 B.		·030	..	..	..	..	..	..	..	..	2,128	
116 A.		·098	·448	·619	·659	·684	·699	·714	·725	·736	10,080	
116 B.		·124	·375	·492	·538	..	..	..	..	..	5,572	
117 A.	Rosewood	·013	·086	·194	..	..	..	..	..	..	3,920	
117 B.	Do.	·009	·070	·190	..	..	..	..	..	..	3,808	
117 A*a*.	Do.	·016	·118	·220 s	..	..	..	..	..	..	4,368	
117 A*b*.	Do.	·020	·105	·213	·314	..	..	..	..	..	4,760	
118 A.	Acacia sapindoides	·375	·482	·540 s	·574	·599	..	..	..	..	6,356	
118 B.	Do.	·396	·539 s	·572	·599	·694	·712	·725	·736	·750	10,080	
118 A*a*.	Do.	·212	..	..	..	..	..	..	..	..	1,512	
118 A*b*.	Do.	·167	..	..	..	..	..	..	..	..	1,493	
120 A.		—	—	—	—	—	—	—	—	—	—	
120 B.		·005	·010	·022	·052 s	..	..	..	..	..	5,488	
121 A.	Weeping Myall	·007	·012	·020 s	..	..	..	..	..	..	4,480	Very good fracture.
121 B.	Do.	·004	·008	·014	·029	·068 s	..	..	..	..	6,664	Do.
121 A*a*.	Do.	—	—	—	—	—	—	—	—	—	—	
121 A*b*.	Do.	·006	·009	·014	·024	·052	..	..	..	..	6,347	
122 A.	Bricklow	·008	·030	·131	..	..	..	..	..	..	4,144	
122 B.	Do.	·009	·043	·140	..	..	..	..	..	..	3,864	
122 A*a*.	Do.	·010	·025	·092	..	..	..	..	..	..	4,060	
122 A*b*.	Do.	·008	·015	·055	·120	..	..	..	..	..	5,012	
123 A.	Acacia	·018	·251 s	..	..	..	..	..	..	..	2,800	
123 B.	Do.	·306	..	..	..	..	..	..	..	..	1,316	
1 A.	Bunya Bunya	—	—	—	—	—	—	—	—	—	—	
1 B.	Do.	—	—	—	—	—	—	—	—	—	—	
1 A*a*.	Do.	—	—	—	—	—	—	—	—	—	—	
1 A*b*.	Do.	—	—	—	—	—	—	—	—	—	—	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
QUEENSLAND.												
2 A.	Moreton Bay	—	—	—	—	—	—	—	—	—	—	
2 B.	Do.	—	—	—	—	—	—	—	—	—	—	
2 A*a*.	Do.	—	—	—	—	—	—	—	—	—	—	
2 A*b*.	Do.	—	—	—	—	—	—	—	—	—	—	
RUSSIA.												
1 A.	Riga Fir											
1 B.	Do.											
1 C.	Do.											
1 D.	Do.											
2 A.	Larch	·487	·529	·574	·602	·622	·635	·659 s	..	..	8,652	
2 B.	-											
3 A.	Larch	·398	·446	·500	.529 s	..	..	..	..	..	5,488	
3 B.	-											
4 A.	Larch	·460	·505	·550	·582	·618 s	·639	..	..	..	7,728	
4 B.	Do.	·451	·500	·544	·576	·600	·616	·644 s	..	..	8,624	
5 A.	Larch	·370	·436	·480	·512	·557 s	..	..	..	..	6,645	
5 B.	Do.	·420	·469	·521	·548	·577	·602 s	..	..	..	7,700	
6 A.	Riga Oak	·546 s	·619	·674	·698	·716	·729	.741	·748	·755	10,080	Crushed.
6 B.	Do.	·304 s	..	..	..	..	..	..	..	..	1,829	
6 C.	Do.											
6 D.	Do.	..	..	..	..	..	..	..	..	..	933	
TASMANIA.												
8 A.	Black Wood	·094	·340	·490 s	·541	·595	..	..	..	..	6,235	
8 B.	Do.	·020	·164	·426 s	..	..	..	..	..	..	4,368	
8 C.	Do.	·012	·218	·502 s	·628	·656	·676	·683	·698	·709	10,080	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
TASMANIA.												
8 D.	Black Wood	·011	·316 s	·458	..	..	..	..	..	..	3,976	
8 *Aa.*	Do.	·013	·114	·417 s	..	..	..	..	..	..	3,771	
8 *Ab.*	Do.	·017	·260	·450 s	·570	..	..	..	..	..	5,096	
8 *Ba.*	Do.	·358	·441 s	·492	·495	·580	..	..	..	..	6,244	
8 *Bb.*	Do.	·165	·322	·419 s	·468	·510	·542	..	..	..	6,720	
8 *Bc.*	Do.	·184	·365	·448	·500	·526	·553 s	..	..	..	7,765	
8 *Ca.*	Do.	·017	·208 s	·440	..	..	..	..	..	..	3,416	
8 *Cb.*	Do.	·019	·284 s	·506	..	..	..	..	..	..	3,808	
8 *Cc.*	Do.	·084	·292 s	..	..	..	..	..	..	..	3,136	
8 *Cd.*	Do.	·017	·160 s	..	..	..	..	..	..	..	3,136	
67 A.	Sassafras	—	—	—	—	—	—	—	—	—	—	
67 B.	Do.	—	—	—	—	—	—	—	—	—	—	
67 C.	Do.	—	—	—	—	—	—	—	—	—	—	
75 A.	Waddy Wood	·030	·112	·212	·262	·317	·350	·382 s	..	..	8,344	
75 B.	Do.	·045	·150	·263	·314	·391 s	..	..	..	..	6,309	
75 C.	Do.	·036	·170	·288	·348 s	..	..	..	..	..	5,301	
75 *Aa.*	Do.	·022	·072	·211	·293	..	..	..	..	..	4,984	
75 *Ab.*	Do.	·009	·023	·113 s	..	..	..	..	..	..	4,312	
75 *Ac.*	Do.	·012	·071	·280 s	..	..	..	..	..	..	3,472	
76 A.	Black Wattle	·215	·374	·456	·495	·517	·535	·548	·573 s	..	9,968	
76 B.	Do.	·292	·423	·480	·512	·533	·551	·563	·590 s	·600	10,080	
76 C.	Do.	·036	·278	·470 s	·508	..	..	..	..	..	5,563	
76 D.	Do.	·374	·502	·566	·582	·598	·614	·625	·634	·643	10,080	
85 A.	Peppermint	·022	·118	·315 s	..	..	..	..	..	..	3,659	
85 B.	Do.	·012	·201 s	..	..	..	..	..	..	..	3,136	
85 C.	Do.	·015	·075	·500 s	..	..	..	..	..	..	4,088	
93 A.	Myrtle	·293	·279	·434	·461	·531 s	..	..	..	..	5,544	
93 B.	Do.	·104	·262	·399	..	..	..	..	..	..	3,528	
93 C.	Do.	·239	·342	·412	·437 s	..	..	..	..	..	5,600	
93 D.	Do.	·333	·567	..	..	..	..	..	..	..	2,744	
97 A.	White Gum	·333	·567 s	..	..	..	..	..	..	..	2,744	
97 B.	Do.	·322 s	..	..	..	..	..	..	..	..	1,596	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
	TASMANIA.											
97 C.	White Gum	·284	·508 s	·592	·666	·688	·732	·755	·765	·772	10,080	
97 D.	Do.	·519 s	·484	·615	·679	·727	·738	·747	·756	·766	10,080	Severe fracture.
102 A.	Silver Wattle											
102 B.	Do.											
102 C.	Do.											
102 D.	Do.											
116 A.	Blue Gum	·023	·166	·343 s	·496	·539	·570	·594	·615	·633	10,080	
116 B.	Do.	·020	·166	·302 s	·450	·536	·556	·580	·614	·628	10,080	
116 C.	Do.	·010	·121 s	·342	..	..	..	..	..	..	4,088	
116 D.	Do.	·010	·120 s	..	..	..	..	..	..	..	3,248	
363 A.	Gum Topped Stringy Bark, or White Gum.											
363 B.												
363 C.												
363 D.												
364 A.	Peppermint											
364 B.	Do.											
367 A.	Iron Wood	·014	·040	·106	·181	·234	·302	..	..	..	7,784	Sudden fracture.
367 B.	Do.	·006	·009	·019 s	..	..	..	..	..	..	4,424	
367 C.	Do.	·007	·010	·024 s	..	..	..	..	..	..	4,452	
367 D.	Do.	·005	·009	·032 s	..	..	..	..	..	..	4,452	
369 A.	Tea Tree	·218	·308	·383	·430	·459 s	·503	..	..	..	6,795	
369 B.	Do.											
369 C.	Do.	·153	·265	·355	·404	·442 s	..	..	..	..	6,664	
369 D.	Do.	·133	·270	·346	·408 s	..	..	..	..	..	5,563	
371 A.	Stringy Bark	·092 s	..	..	..	..	..	..	..	..	1,792	
371 B.	Do.	·045 s	..	..	..	..	..	..	..	..	1,344	
371 C.	Do.	·134 s	..	..	..	..	..	..	..	..	1,269	
371 D.	Do.	·116 s	..	..	..	..	..	..	..	..	1,232	
372 A.	Blue Gum	·007	·012 s	..	..	..	..	..	..	..	3,323	
372 B.	Do.	·006	·010	·044 s	..	..	..	..	..	..	3,696	
372 C.	Do.	·010	·095	·279 s	..	..	..	..	..	..	3,696	
372 D.	Do.	·008	·060 s	..	..	..	..	..	..	..	3,248	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
TASMANIA.												
373 A.	Stringy Bark	·075	·280	..	..	..	..	..	..	..	2,632	
373 B.	Do.	·084	·246 s	..	..	..	..	..	..	..	3,276	
373 C.	Do.	·117 s	..	..	..	..	..	..	..	..	1,316	
373 D.	Do.	·016	·173 s	..	..	..	..	..	..	..	2,660	
373 A*a*.	Do.	·124 s	..	..	..	..	..	..	..	..	1,867	
373 A*b*.	Do.	·118 s	..	..	..	..	..	..	..	..	2,128	
373 A*c*.	Do.	..	..	..	..	..	..	..	..	..	896	
373 A*d*.	Do.	·160 s	..	..	..	..	..	..	..	..	1,484	
373 C*a*.	Do.	·009 s	..	..	..	..	..	..	..	..	2,128	
373 C*b*.	Do.											
373 C*c*.	Do.	·016	·179 s	..	..	..	..	..	..	..	2,464	
374 A.	Blue Gum	·026	·108	·212	·322 s	·418	·510	·544	·570	·595	10,080	
374 B.	Do.											
374 C.	Do.	·050	·149	·232 s	·297	..	..	..	..	..	5,376	
374 D.	Do.	·060	·229	·415	·498 s	·529	·560	·581	·600	·613	10,080	
556 A.	Do.											
556 B.	Do.											
556 C.	Do.											
558 A.	Do.	·018	·095	·181 s	..	..	..	..	..	..	4,331	
558 B.	Do.	·017	·057	·169 s	·419	..	..	..	..	..	4,480	
558 C.	Do.	·015	·092	·216 s	..	..	..	..	..	..	3,528	
577 A	Do.	·022	·116 s	..	..	..	..	..	..	..	2,492	
577 B.	Do.	·010	·093	·238	·327	·391 s	·433	·456	·503	·556	10,080	
577 C.	Do.	·006	·044 s	..	..	..	..	..	..	..	2,576	
577 D.	Do.	·010	·047 s	..	..	..	..	..	..	..	2,576	
TRINIDAD.												
155 A.	Tapana	·100	·244 s	·362	..	..	..	..	..	..	3,808	
155 B.	Do.	·150	·303 s	·466	..	..	..	..	..	..	3,836	
155 C.	-											

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
TRINIDAD.												
155 D.	- - - - -	—	—	—	—	—	—	—	—	—	—	
158 A.	Garlick Pear - - -	—	—	—	—	—	—	—	—	—	—	No experiments.
158 B.	Do. - - - -	—	—	—	—	—	—	—	—	—	—	
158 C.	Do. - - - -	—	—	—	—	—	—	—	—	—	—	
158 D.	Do. - - - -	—	—	—	—	—	—	—	—	—	—	
162 A.	Mahoe - - - -											
162 B.	Do. - - - -											
166 A.	Soap-nut Tree (Bois Corticera)-	·093 s	..	..	..	..	..	..	..	..	1,512	
166 B.	Do. do. -	·092	·227	·332	·390	·443 s	·491	..	..	..	6,888	
166 C.	Do. do. -	·077	·288 s	..	..	..	..	..	..	..	3,164	
168 A.	Surette - - - -	·055 s	..	..	..	..	..	..	..	..	1,792	
168 B.	Do. - - - -	·069 s	..	..	..	..	..	..	..	..	2,016	
168 C.	Do. - - - -	·046 s	..	..	..	..	..	..	..	..	2,016	
168 D.	Do. - - - -	·078	·280 s	..	..	..	..	..	..	..	2,539	
169 A.	Paraman - - - -	·170	·360 s	..	..	..	..	..	..	..	2,725	
169 B.	Do. - - - -	·170 s	..	..	..	..	..	..	..	..	1,643	
169 C.	Do. - - - -	·132 s	..	..	..	..	..	..	..	..	1,680	
169 D.	Do. - - - -	·145	·290	·382	·484 s	..	..	..	..	..	4,788	
171 A.	Galba - - - -	·191	·380	·490 s	..	..	..	..	..	..	3,360	
171 B.	Do. - - - -	·077 s	..	..	..	..	..	..	..	..	1,680	
171 C.	Do. - - - -	·029 s	..	..	..	..	..	..	..	..	1,792	
171 D.	Do. - - - -	·152 s	..	..	..	..	..	..	..	..	1,456	
180 B.	Crabtree - - - -	—	—	—	—	—	—	—	—	—	—	No experiments.
180 C.	Do. - - - -	—	—	—	—	—	—	—	—	—	—	
180 D.	Do. - - - -	—	—	—	—	—	—	—	—	—	—	
185 A.	Noyer - - - -	·010	·028	·145 s	..	..	..	..	..	..	3,733	
185 B.	Do. - - - -	·017	·079	·241 s	..	..	..	..	..	..	3,640	
185 C.	Do. - - - -	·014	·086	·223 s	..	..	..	..	..	..	4,293	
185 D.	Do. - - - -	·012	·039	·158 s	..	..	..	..	..	..	3,668	
186 A.	Mango - - - -	·294	·438	·540 s	·592	·636	·659	·682	695	·703	10,080	
186 B.	Do. - - - -	·091	·364	·439	·479	·508	·538	·561 s	..	..	8,680	
187 A.	Gommier - - - -	·262 s	..	..	..	..	..	..	..	..	1,456	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
	TRINIDAD.											
187 B.	Gommier	·229	·340 s	·448	..	..	..	..	..	..	4,256	
187 C.	Do.	·117	·235	·380	·422 s	..	..	..	..	..	5,152	
187 D.	Do.	·194	·309	·410	·459 s	..	..	..	..	..	5,152	
196 A.	Beefwood	·626	·180 s	..	..	..	..	..	..	..	2,464	
196 B.	Do.	·027 s	..	..	..	..	..	..	..	..	1,512	
198 A.	Laurel	·429	·374 s	·634	..	..	..	..	..	..	4,228	
198 B.	Do.	·350 s	·538	·658	·684	·702	·728	·750	·763	·774	10,080	
198 C.	Do.	·433	·529	·597	·658	·722	·738	·751	·759	·769	10,080	
198 D.	Do.	·503	·566	·594	·614	·627	·638	·652	·660	..	10,005	
200 A.	Laurier Canelle	·104	·263	·374 s	..	..	..	..	..	..	3,920	
200 B.	Do.	·024 s	..	..	..	..	..	..	..	..	1,262	
200 C.	Do.	·050	·228	..	..	..	..	..	..	..	3,612	
200 D.	Do.	·069	..	..	..	..	..	..	..	..	2,100	
201 A.	Laurier Blanc	—	—	—	—	—	—	—	—	—	—	} No experiments.
201 B.	Do.	—	—	—	—	—	—	—	—	—	—	
201 Aa.	Do.	·318	·428	·480	·511	·531 s	..	..	..	..	6,608	
201 Ab.	Do.	·337	·455	·506 s	..	..	..	..	..	..	4,172	
205 A.	Canturo											
205 B.	Do.											
205 C.	Do.											
205 D.	Do.											
206 A.	Bois de Fer	·127 s	..	..	..	..	..	..	..	..	1,232	
206 B.	Do.	·076 s	..	..	..	..	..	..	..	..	1,680	
206 C.	Do.	·041 s	..	..	..	..	..	..	..	..	2,184	
206 D.	Do.	—	—	—	—	—	—	—	—	—	—	Split.
207 A.	Cauto	·039 s	..	..	..	..	..	..	..	..	1,307	
207 B.	Do.	·020 s	..	..	..	..	..	..	..	..	1,848	
207 C.	Do.	·026 s	..	..	..	..	..	..	..	..	2,100	
207 D.	Do.	·196 s	..	..	..	..	..	..	..	..	1,605	
208 A.	Do.	—	—	—	—	—	—	—	—	—	—	} No experiments.
208 B.	Do.	—	—	—	—	—	—	—	—	—	—	
208 C.	Do.	—	—	—	—	—	—	—	—	—	—	
208 D.	Do.	—	—	—	—	—	—	—	—	—	—	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
	TRINIDAD.											
212 A.	Balsam Capivi	·059	·218	·339	·395	·432	·460 s	..	..	..	7,672	
212 B.	Do.	·018	·138	·322	·390	·496 s	..	..	..	..	6,347	
214 A.	Savonette Jaune	·015	·126	·213	·280	·341	·400 s	·441	..	..	8,624	
214 B.	Do.	·010	·070	·172	·262	·314 s	·420	..	..	..	6,944	
214 C.	Do.	·013	·109	·204	·267	·328	..	..	..	..	6,272	
214 D.	Do.	·016	·128	·212	·298 s	·416	·515	·542	·603	·612	10,080	
216 A.	Purple Heart	·007	·010	·017	·051 s	..	..	..	..	..	5,451	
217 A.	Locust	·013	·031 s	..	..	..	..	..	..	..	3,024	
217 B.	Do.	·015	·042 s	..	..	..	..	..	..	..	3,173	
218 A.	Naranjillo Amarillo	·016	·068	·175	·252 s	..	..	..	..	..	5,012	
218 B.	Do.	·015	·068 s	..	..	..	..	..	..	..	3,173	
218 C.	Do.											
218 D.	Do.	·015	·098	·208 s	..	..	..	..	..	..	4,228	
219 A.	Tamarind	·017	·041	·177 s	..	..	..	..	..	..	4,480	
219 B.	Do.	·012	·058	·194	·280	·346 s	..	..	..	..	6,608	
219 C.	Do.	·013	·054	·164	·239	·291 s	..	..	..	..	6,664	
219 D.	Do.	—	—	—	—	—	—	—	—	—	—	No experiment.
220 A.	Casse	·080	·268	·410 s	·472	·518	·560	..	..	..	7,056	
220 B.	Do.	·008	·018 s	..	..	..	..	..	..	..	3,248	
221 A.	Guatamare	·006	·009	·012	·023	·085 s	..	..	..	..	6,468	Good fracture.
221 B.	Do.	·006	·010	·027	·082 s	..	..	..	..	..	5,301	
222 A.	Bois Mulatre	·138	·302 s	..	..	..	..	..	..	..	2,688	
222 B.	Do.	·111	·264 s	..	..	..	..	..	..	..	2,660	
222 C.	Do.	·076 s	..	..	..	..	..	..	..	..	2,184	
222 D.	Do.	·040 s	..	..	..	..	..	..	..	..	1,456	
226 A.	Angelin	·008	·024	·210 s	..	..	..	..	..	..	3,920	
226 B.	Do.	·011	·124 s	..	..	..	..	..	..	..	3,248	
226 C.	Do.	—	—	—	—	—	—	—	—	—	—	No experiments.
226 D.	Do.	—	—	—	—	—	—	—	—	—	—	
227 A.	Do.	·212	·382	·481 s	·532	·588	·604	·622	·656	·670	10,080	
227 B.	Do.	·307	·479 s	·573	·617	·641	·665	·690	·703	·717	10,080	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
	TRINIDAD.											
237 A.	Sapodilla, Sapotillier	·018	·034	·080	·164 s	..	..	..	..	..	5,600	
237 B.	Do.	·007	·013	·030	·094 s	..	..	..	..	..	5,413	
243 A.	Acoma, or Mastic	·008	·018	·094 s	..	..	..	..	..	..	4,069	
243 B.	Do.	·013	·033 s	..	..	..	..	..	..	..	3,304	
248 A.	Cypre	·433 s	·559	..	..	..	..	..	..	..	3,024	
248 B.	Do.	·402	·583	·638	·684	·715	·726	·735	·745	·756	10,080	
248 C.	Do.	·512	·608	·650	·676	·693	·730	·742	·759	·768	10,080	
248 D.	Do.	·464	·602	·646	·674	·689	·703	·726	·746	·765	10,080	
262 A.	Olivier	·018	·123 s	..	..	..	..	..	..	..	2,912	
262 B.	Do.	·020	·134	·246 s	..	..	..	..	..	..	4,032	
262 C.	Do.	·024	·108	·222 s	..	..	..	..	..	..	4,256	
262 D.	Do.	·028	·140	·236	..	..	..	..	..	..	4,443	
265 A.	Red Mangrove	·016	·060	·170	..	..	..	..	..	..	3,976	
265 B.	Do.	·010	·039	·167 s	..	..	..	..	..	..	3,976	
270 A.	Wild Guava	·024	·099 s	..	..	..	..	..	..	..	3,080	
270 B.	Do.	·034	·130	·264 s	..	..	..	..	..	..	3,808	
270 A*a*.	Do.	—	—	—	—	—	—	—	—	—	—	No experiments.
270 A*b*.	Do.	—	—	—	—	—	—	—	—	—	—	
270 A*c*.	Do.	—	—	—	—	—	—	—	—	—	—	
270 A*d*.	Do.	—	—	—	—	—	—	—	—	—	—	
276 A.	Guatecare	·011	·054 s	..	..	..	..	..	..	..	3,173	
276 B.	Do.	·009	·046	·163 s	..	..	..	..	..	..	3,584	
280 A.	Genipa	·009	·038	·277 s	..	..	..	..	..	..	3,584	
280 B.	Do.	·010	·060	·235 s	..	..	..	..	..	..	3,547	
280 C.	Do.	·018	·113	·233 s	..	..	..	..	..	..	4,452	
280 D.	Do.	·014	·069	·238 s	..	..	..	..	..	..	3,696	
257 A.		—	—	—	—	—	—	—	—	—	—	
257 B.	Pui	·006	·008	·012	·027	..	..	..	..	..	5,544	
257 C.	Do.	·007	·010	·020	·059	..	..	..	..	..	5,460	
209 D.		·016	·085	·210	·290	·334	..	..	..	..	6,328	
201 C.	Laurier Blanc	·238	·424	·504	..	..	..	..	..	..	4,396	
201 D.	Do.	·280	·415	·472	·502	·522	·539	..	..	..	7,784	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
TRINIDAD.												
201 Ac.	Laurier Blanc	—	—	—	—	—	—	—	—	—	—	No experiments.
201 Ad.	Do.	—	—	—	—	—	—	—	—	—	—	
163 A.	-	—	—	—	—	—	—	—	—	—	—	No experiment.
167 A.	Cacapoule	—	—	—	—	—	—	—	—	—	—	No experiments.
167 B.	Do.	—	—	—	—	—	—	—	—	—	—	
167 C.	Do.	—	—	—	—	—	—	—	—	—	—	
VICTORIA.												
1 A.	Peppermint Tree	·008	·022 s	..	..	..	..	..	..	..	2,660	
1 B.	Do.	·013	·076 s	·456	·542	·576	·602	·623	·636	·650	10,080	Crushed.
1 C.	Do.	..	..	..	..	..	..	..	..	..	..	Split in two.
1 D.	Do.	·008	·024 s	..	..	..	..	..	..	..	2,800	
2 A.	Grey Box Tree	·018	·181	·339 s	..	..	..	..	..	..	3,024	Not quite dry.
2 B.	Do.	·015	·093	·244	·498 s	·610	·629	·646	·663	·674	10,080	Not quite dry; smashed.
2 C.	Do.	·085	·240	·322	·377	·425 s	..	..	..	..	6,524	
2 D.	Do.	·025	·174	·285	·378 s	..	..	..	..	..	5,012	Not quite dry.
2 Ac.	Do.	·016	·114 s	·342	..	..	..	..	..	..	3,360	
2 Ab.	Do.	·014	·119 s	..	..	..	..	..	..	..	2,501	
2 Ac.	Do.	·011	·022	·377 s	..	..	..	..	..	..	3,845	
2 Ad.	Do.	·014	·050	·205 s	..	..	..	..	..	..	3,808	
3 A.	Do.	·019	·106	·224	·381 s	..	..	..	..	..	4,732	
3 B.	Do.	·027	·135	·261	·334 s	..	..	..	..	..	5,096	
4 A.	-	·008	·017	·079 s	..	..	..	..	..	..	4,144	
4 B.	-	—	—	—	—	—	—	—	—	—	—	
5 Aa.	-	·098	·247	·350 s	·422	..	..	..	..	..	5,320	
5 Ab.	-	·021	·151 s	..	..	..	..	..	..	..	2,744	
5 Ac.	-	·048	·196	·325 s	·414	..	..	..	..	..	..	
6 A.	Eucalyptus	·400	·488	·537	·553	·575	·588	·600	·612s	·636	10,080	
6 B.	Do.	·118	·288	..	..	..	..	..	..	..	2,436	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
VICTORIA.												
6 C.	Eucalyptus	·038	·185	·328	·548 s	·633	·652	·666	·677	·686	10,080	Severe fracture.
7 A.		·020	·108	·294 s	..	..	..	..	..	..	4,368	
7 B.		·015	·028	·148	·345 s	..	..	..	..	..	3,920	
7 C.		·021	·164 s	·354	..	..	..	..	..	..	4,443	
8 A.		·014	·054	·153	·225	·275 s	..	..	..	..	6,552	
8 B.		·015	·038	·100 s	·198	·292	..	..	..	..	6,608	
8 C.		·013	·029 s	..	..	..	..	..	..	..	3,192	
8 D.		·008	·015	·048	..	..	..	..	..	..	4,060	
9 A.		·010	·096	·279 s	..	..	..	..	..	..	4,032	
9 B.		·036	·230	·373 s	·558	·578	·601	·629	·664	·679	10,080	
9 C.		—	—	—	—	—	—	—	—	—	—	
9 D.		..	..	..	..	..	..	..	..	..	..	No experiment.
10 A.	Woolly Butt	·021	·094	·204 s	..	..	..	..	..	..	4,032	
10 B.	Do.	·010	·028	·261 s	..	..	..	..	..	..	3,920	
10 C.	Do.	·008	·018	·266 s	..	..	..	..	..	..	3,556	
10 D.	Do.	·012	·040	·163 s	..	..	..	..	..	..	3,808	
10 A*a*.		·012	·063	·210 s	..	..	..	..	..	..	3,668	
10 A*b*.		·008	·016	·097 s	..	..	..	..	..	..	3,696	
10 A*c*.		·008	·018	·166 s	..	..	..	..	..	..	3,547	
10 A*d*.		..	..	..	..	..	..	..	..	..	..	No experiment.
11 A.	Broad-leaved Box Tree	·114	·232	·321 s	..	..	..	..	..	..	4,452	
11 B.	Do.	·225 s	..	..	..	..	..	..	..	..	1,960	
11 C.	Do.	·301 s	·416	·467	·500	·530	·560	..	..	..	6,720	
11 D.	Do.	·166	·312	·386	..	..	..	..	..	..	3,976	
12 A.	Honeysuckle	—	—	—	—	—	—	—	—	—	—	
12 B.	Do.	—	—	—	—	—	—	—	—	—	—	
12 C.	Do.	·297	·446	·528 s	·608	·646	·672	·688	·705	·716	10,080	
12 D.	Do.	—	—	—	—	—	—	—	—	—	—	
13 A*a*.		·626	·657	·682	·694	·704	·714	·722	·728	·735	10,080	
13 A*b*.		·624	·658	·681	·701	·712	·724	·732	·739	·746	10,080	
14 A.	Gully Tree Fern	·020	·187	·310	·402	·450	·495 s	..	..	..	7,756	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
VICTORIA.												
14 B.	Gully Tree Fern	·105	·289	·394	·446	·479	·512	·528 s	·542	·552	10,080	
14 C.	Do.	·008	·134 s	·298	·415	·469	·494	·519	·603	·682	10,080	Severe fracture.
14 D.	Do.	·009	·082	·298	·410	·484 s	·518	·568	·578	·666	10,080	
14 Aa.	Do.	·187	·344	·433 s	·490	·518	·544	·580	..	..	8,064	
14 Ab.	Do.	·344	·458	·514	·548 s	·576	·598	..	..	..	7,803	
14 Ac.	Do.	·336	·474	·540	·571	·591	·616 s	·628	·640	..	9,800	
14 Ad.	Do.	·397	·502	·549	·584	·604	·615	·628	·646 s	·656	10,080	
15 A.	Musk Tree	·240 s	..	..	..	..	..	..	..	..	2,156	
15 B.	Do.	·217	·569 s	·643	·669	·687	·711	·728	·739	·749	10,080	
15 C.	Do.	·188 s	..	..	..	..	..	..	..	..	1,624	
16 A.	Desert Cypress Pine	·019	·504 s	·570	·620	·677	·690	·699	·707	·716	10,080	
16 B.	Do.											
16 C.	Do.											
16 D.	Do.	·052	·294	·459	·526 s	·558	..	..	..	..	6,421	
22 A.	Iron Bark	·011	·058 s	..	..	..	..	..	..	..	2,660	
22 B.	Do.	·014	·052	..	..	..	..	..	..	..	3,080	
22 C.	Do.	·011	·032 s	..	..	..	..	..	..	..	3,173	
22 D.	Do.	·010	·022 s	..	..	..	..	..	..	..	3,136	
28 A. B. C.		—	—	—	—	—	—	—	—	—	—	
28 A.		·009	·016	·062 s	..	..	..	..	..	..	4,368	
28 B.		·009	·017	·068 s	..	..	..	..	..	..	4,368	
28 C.		·013	·037	·107 s	..	..	..	..	..	..	3,668	
28 D.		·009	·018	·097 s	..	..	..	..	..	..	4,144	
29 A.		·008	·031	·152 s	..	..	..	..	..	..	3,444	
29 B.		·007	·012	·040 s	..	..	..	..	..	..	4,443	
29 C.		·010	·020	·106 s	..	..	..	..	..	..	4,443	
29 D.		·011	·045 s	·168	..	..	..	..	..	..	3,696	
31 A.		·017	·283	·444	·524 s	..	..	..	..	..	5,488	
31 B.		·136	·425	·499	·539	·556	·573	·586	·595	·603	10,080	
34 A.		·009	·018	·092	·250 s	..	..	..	..	..	4,760	
34 B.		·008	·018	·093 s	..	..	..	..	..	..	3,696	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
VICTORIA.												
34 C.	- - - - - -	·008	·016	·108 s	..	..	..	..	..	..	3,808	
34 D.	- - - - - -	·008	·018	·068 s	..	..	..	..	..	..	3,752	
35 A.	Stringy Bark - - -	·309 s	..	..	..	..	..	..	..	..	1,568	
35 B.	Do. - - - -	·415 s	·573	·606	·632	·650	·661	·672	·682	·691	10,080	Severe fracture.
35 C.	Do. - - - -	·361	·483	..	..	..	..	..	..	..	3,136	
35 D.	Do. - - - -	..	..	..	..	..	..	..	..	..	952	
36 A.	White Gum - - -	·293 s	·523	·577	·612	·632	·657	·670	·680	·690	10,080	
36 B.	Do. - - - -	·278	·395	·505 s	·534	·506	·625	·636	·668	·686	10,080	
36 C.	Do. - - - -	·305	·470 s	·550	·595	·624	·673	·700	·712	·726	10,080	
36 D.	Do. - - - -	·269	·387	·505 s	·531	·557	·578	·595	·608	·621	10,080	
38 A.	Native Cherry Tree - -	·024	·228 s	..	..	..	..	..	..	..	2,576	
38 B.	Do. - - - -	·020	·198 s	..	..	..	..	..	..	..	2,492	
38 C.	Do. - - - -	·012	·034 s	·382	..	..	..	..	..	..	3,360	
38 D.	Do. - - - -	·032	·176 s	..	..	..	..	..	..	..	3,192	
39 A.	Spurious Mulberry Tree -											
39 B.	Do. - - - -											
39 C.	Do. - - - -											
39 D.	Do. - - - -											
39 A*a*.	Do. - - - -	·514	·608 s	·655	·680	·694	·709	·722	·720	·738	10,080	
39 A*b*.	Do. - - - -											
39 A*c*.	Do. - - - -											
39 A*d*.	Do. - - - -											
40 A.	Coast Honeysuckle - -	·268	·401	·492	·561 s	·598	·622	·643	·660	·678	10,080	
40 B.	Do. - - - -	·340	·442	·509	·560	·598	·622	·636	·654	·678	10,080	
40 C.	Do. - - - -	·333	·429	·496	·620 s	·646	·671	·694	·717	·727	10,080	
40 D.	Do. - - - -											
42 A.	- - - - - -	·088	·197	·304 s	·409	..	..	..	..	..	5,488	
42 B.	- - - - - -	·038	·188	·285	·338 s	·407	..	..	..	..	5,600	
42 C.	- - - - - -	·018	·117	·287	·350	..	..	..	..	..	5,339	
42 D.	- - - - - -	·040	·203	·314	·372	·433 s	..	..	..	..	6,580	
42 A*a*.	- - - - - -	·039	·196	·309	·399 s	·492	..	..	..	..	5,600	
42 A*b*.	- - - - - -	·097	·233	·298	·346	·375	·410 s	..	..	..	7,784	

TABLE VI.—*continued.*

No. of Specimen.	Local Name.	Compression at a Weight of									Crushing Weight in Pounds.	Remarks.
		lbs. 1,120.	lbs. 2,240.	lbs. 3,360.	lbs. 4,480.	lbs. 5,600.	lbs. 6,720.	lbs. 7,840.	lbs. 8,960.	lbs. 10,080.		
VICTORIA.												
42 A*c*.	- - - - - -	·016	·160	·289	·444 s	..	..	..	..	..	4,704	
42 A*d*.	- - - - - -	·021	·204	·345 s	..	..	..	..	..	..	4,144	
43 A.	- - - - - -	·030	·151	·276	·329	·374	·400 s	..	..	..	7,616	
43 B.	- - - - - -	·015	·098	·243 s	..	..	..	..	..	..	4,032	
43 C.	- - - - - -	·014	·191	·286	·333	·361	·386	·402	·417 s	..	9,819	
43 D.	- - - - - -	·036	·158	·256	·326 s	·376	..	..	..	..	6,496	
44 A.	Honeysuckle - - -	·248	·388	·506 s	·558	·604	·634	·670	·689	·700	10,080	
44 B.	Do. - - - -											
44 C.	Do. - - - -											
44 D.	Do. - - - -											
45 A.	Wattle - - - -	·230	·388	·479 s	·604	·630	·656	·679	·698	·713	10,080	
45 B.	Do. - - - -	·180	·317 s	·509	·542	..	..	..	..	..	5,152	
45 C.	Do. - - - -	·166	·302	·389 s	·441	..	..	..	..	..	5,152	
46 D.	- - - - - -	·115	·262	..	..	..	..	..	..	..	3,285	
29 A*a*.	- - - - - -	·009	·034	·135 s	..	..	..	..	..	..	4,088	
29 A*b*.	- - - - - -	·010	·022	·119 s	..	..	..	..	..	..	3,957	
29 A*c*.	- - - - - -	·009	·023 s	..	..	..	..	..	..	..	2,987	
29 A*d*.	- - - - - -	·008	·014	·157 s	..	..	..	..	..	..	3,659	
33 A.	Grey Box - - -	·026	·117	·274 s	·371	·472	·550	·571	·594	·612	10,080	
33 B.	Do. - - - -	·011	·142	·220 s	·368	·439	·503	·538	·575	·602	10,080	
33 C.	Do. - - - -	·014	·072	·178	·284 s	·363	·424	·500	·536	·557	10,080	
33 D.	Do. - - - -	·012	·028	·100	·192	·263	·311	..	..	..	7,504	
8 D.	- - - - - -	·008	·015	·048	..	..	..	..	..	..	4,060	
31 C.	- - - - - -	·013	·254	·438	·512	·559 s	·582	..	..	..	7,784	

TABLE VII.

In this Table the Woods are arranged in the order of their Crushing Weight in a Transverse Direction of their Fibre.

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
93 A. B.	Celtis Opaca ? -	New South Wales (N.) -	10,080	2
7 A. B.	Burrana - - -	Do. (N.) -	10,080	2
19 A. B.	Cherry - - -	Do. (N.) -	10,080	2
155 A. B.	Found at Illawarra, Brisbane Water.	Do. (S.) -	10,080	2
139 A.	White Myrtle, Blue Ash, Ash.	Do. (S.) -	10,080	1
49 A. B. C. D.	Stringy Bark, Berrima -	Do. (S.) -	10,080	4
177 A. B. C. D.	Mountain Ash - -	Do. (S.) -	10,080	4
44 A. B.	Mahogany - -	Do. (S.) -	10,080	2
125 A. B. C. (D.)	Maiden's Blush, Ladies' Blush.	Do. (S.) -	10,080	3
59 A. B.	Prickly Tea Tree -	Do. (S.) -	10,080	2
53 A. B. C. D.	Apple Tree - -	Do. (S.) -	10,080	4
10,421 A. B.	Kyoun-douk - -	East India - -	..	..
6,545 A. (B.)	Tounkatseet - -	Do. - - -	10,080	1
4,671 A. (B.)	Banbul - - -	Do. - - -	10,080	1
7,517 A. (B.)	Toon - - -	Do. - - -	10,080	1
7,515 A. (B.)	Sakhoo - - -	Do. - - -	10,080	1
11 A. B.	Chucya - - -	British Honduras -	10,080	1
23 A. B.	Yaxnic or Yaxnig -	Do. - - -	10,080	1
189 A. B. C. D.	Jack Fruit - -	Jamaica - - -	10,080	4
378 A.	Fig Tree Wild - -	Do. - - -	10,080	1
324 A. B.	Santa Maria - -	Do. - - -	10,080	2
22 A. B. C. (D.)	Mahogany - -	Liberia - - -	10,080	3
7,674 A. B.	Tonk Tsa - - -	East India - -	10,080	1
6,542 A. B.	Kokoh - - -	Do. - - -	10,080	1
10,354 A. B.	Thingan - - -	Do. - - -	10,080	2
2,490 A. (B.)	Niatoo - - -	Do. - - -	10,080	1
2,488 A. (B.)	Madang Saraya Batoo -	Do. - - -	10,080	1
3,949 A. (B.)	Hurdoo - - -	Do. - - -	10,080	1
3,948 A. (B.)	Siris - - -	Do. - - -	10,080	1
3,952 A. (B.)	Jymungul - -	Do. - - -	10,080	1
10,226 A. (B.)	Sissoo - - -	Do. - - -	10,080	1
10,429 A. (B.)	Momakha - -	Do. - - -	10,080	1
10,364 A. (B.)	Pinlay-oong - -	Do. - - -	10,080	1
10,221 A. (B.)	Philibeet - - -	Do. - - -	10,080	1
5,605 A. (B.)	Jack Punsee - -	Do. - - -	10,080	1
3,956 A. (B.)	Taman - - -	Do. - - -	10,080	1
4,667 A. (B.)	Trosum - - -	Do. - - -	10,080	1
4,670 A. (B.)	Bher - - -	Do. - - -	10,080	1
9,238 A.	- - - - -	Do. - - -	10,080	1
10,430 A. (B.) C.	Tounbein - - -	Do. - - -	10,080	1
7,665 A. B.	Dhane Eha - -	Do. - - -	10,080	2
7,090 A. (B.)	Kumpas - - -	Do. - - -	10,080	1
10,422 A. B.	Thanat - - -	Do. - - -	10,080	2
6,547 A. (B.)	Khyong-yook - -	Do. - - -	10,080	1
108 A. B.	Beech Brush Cherry -	New South Wales (S.) -	10,080	2
43 A. B. C. D.	Swamp Mahogany -	Do. (S.) -	10,080	4
46 A. B. C. D.	Stringy Bark of Coast -	Do. (S.) -	10,080	4
61 A*a*. A*b*.	N. O. Myrtaceæ - -	Queensland - -	10,080	2
56 A. B.	Eugenia marginata -	Do. - - -	10,080	2
5 A*a*. A*b*.	She Pine - - -	Do. - - -	10,080	2
99 A. B.	Bean Tree - -	Do. - - -	10,080	2
5 A. (B.)	She Pine - - -	Do. - - -	10,080	1
56 A*a*. A*b*.	Eugenia marginata -	Do. - - -	10,080	2
28 A*a*. A*b*.	Mangrove - -	Do. - - -	10,080	2
92 B*a*. (B*b*.)	Anacardiaceæ - -	Do. - - -	10,080	1
92 A. (B.)	Do. - -	Do. - - -	10,080	1
28 A. B.	Mangrove - -	Do. - - -	10,080	2
76 A*a*. (A*b*.)	Prickly-leaved Tea Tree	Do. - - -	10,080	1
15 A*a*. A*b*.	Silky Oak - -	Do. - - -	10,080	2
20 B*a*. B*b*.	Callhum - - -	Do. - - -	10,080	1
39 A. B.	Sassafras - - -	Do. - - -	10,080	2
37 A*a*. A*b*.	Capparis Mitchelli -	Do. - - -	10,080	2
76 A. B.	Prickly-leaved Tea Tree	Do. - - -	10,080	2

TABLE VII.—*continued.*

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
35 A*a*. A*b*.	Cugerie	Queensland	10,080	1
10 A*a*. A*b*.	Red Cedar	Do.	10,080	2
227 A. B.	Angelin	Trinidad	10,080	2
44 A. B. C. D.	Honeysuckle	Victoria	10,080	1
13 A*a*. A*b*.	Coast Tea Tree	Do.	10,080	2
36 A. B. C. D.	White Gum Tree	Do.	10,080	4
39 A*a*. (A*b*. A*c*. A*d*.)	Spurious Mulberry Tree	Do.	10,080	1
40 A. B. C. (D.)	Coast Honeysuckle	Do.	10,080	3
12 (A. B.) C. (D.)	Honeysuckle	Do.	10,080	1
10 A. B.	Red Cedar	Queensland	9,968	2
5,602 A. (B.)	Abloss or Kandor	East India	9,968	1
23 A. B.	Samak or Sumach, or Divi-dur Bark.	Do.	9,800	2
22 A. B.	Yaxnic	British Honduras	9,800	2
4 A.	Cypress Pine	Queensland	9,744	1
40 A. B.	Cupania, sp.	Do.	9,632	2
43 A. B.	Tamarind Tree	Do.	9,520	2
25 A. B.	Roble Blanco	British Honduras	9,520	1
140 A. B.	Light Wood, Leather Jacket, Coach Wood.	New South Wales (S.)	9,501	2
14 A. B. C. D.	Gully Tree Fern	Victoria	9,499	4
39 A*a*. A*b*.	Sassafras	Queensland	9,464	2
33 A. B. C. D.	Grey Box Tree	Victoria	9,436	4
319 C*a*. C*b*.	Section of Cocoa Nut	Jamaica	9,422	2
186 A. B.	Mango	Trinidad	9,380	2
35 A. B.	Undambie	New South Wales (N.)	9,352	2
319 A*a*. A*b*.	Section of Cocoa Nut	Jamaica	9,296	2
47 A. B. (C.) D.	Rosewood	New South Wales (N.)	9,277	3
16 A. B.	Beef Wood	Queensland	9,240	2
10,380 A. (B.)	Koloh	East India	9,100	1
14 A*a*. A*b*. A*c*. A*d*.	Gully Tree Fern	Victoria	8,936	4
8 A*a*. A*b*.	Shingle Oak	Queensland	8,932	2
76 A. B. C. D.	Black Wattle	Tasmania	8,922	4
341 A.	Iron Wood	Jamaica	8,904	1
10,435 A. B.	Tinyoöben	East India	8,890	2
10,393 A. B.	Bambonay	Do.	8,792	2
55 A. B.	Water Gum	New South Wales (S.)	8,764	2
10,476 A. B. C.	Ngoo Tha	East India	8,752	3
16 A*a*. A*b*.	Beef Wood	Queensland	8,750	2
33 A*a*. A*b*.	Rosewood	Do.	8,848	2
7,619 A. B.	Ah Nan	East India	8,694	2
10 A. B. C. D.	Box of Illawarra	New South Wales (S.)	8,673	4
2 A. (B.)	Larch	Russia	8,652	1
198 A. B. C. D.	Laurel	Trinidad	8,598	4
102 A. B. C. D.	Flooded Gum	New South Wales (N.)	8,540	4
1 A. B. (C.) D.	Peppermint Tree	Victoria	8,513	3
374 A. (B.) C.D.	Blue Gum	Tasmania	8,512	3
216 A. B. C. D.	Dog Wood	Jamaica	8,446	4
20 A. B.	Blue Gum	New South Wales (S.)	8,400	2
41 A. B.	Cupania Pseudorilius	Queensland	8,400	2
120 A. B.	Teak Wood	New South Wales (S.)	8,386	2
10,373 A. (B.)	Gnoo-shwoay	East India	8,372	1
59 A*a*. A*b*.	Myrtus Acmenoide	Queensland	8,372	2
338 A. B. C.	Spanish Elm	Jamaica	8,353	3
248 A. B. C. D.	Cypre	Trinidad	8,316	4
320 A. B.	Yoke Wood	Jamaica	8,288	2
16 A. (B. C.) D.	Desert Cypress Pine	Victoria	8,250	2
212 A. B.	Jamaica Ebony, var. Black Heart.	Jamaica	8,232	2
11 A. B.	Light Yellow Wood	Queensland	8,232	2
26 A. B.	Cherry of the Clarence	New South Wales (N.)	8,232	2
118 A. B.	Acacia sapindoides	Queensland	8,218	2
4 A. B.	Larch	Russia	8,176	2
33 A. B.	Rosewood	Queensland	8,106	2
27 A. B. C. D.	Black Butt Gum	New South Wales (S.)	8,064	4
10,419 A. B.	Tha-khoot-ma	East India	8,022	2
7 A. B. C. D.	Moraballi or Mooraballi	British Guiana	7,982	4
171 A. B. C. D.	White Beech, Beech	New South Wales (S.)	7,973	4
214 A. B. C. D.	Savonette Jaune	Trinidad	7,980	4
52 A*a*. A*b*.	Hodgkinsonia ovatiflora	Queensland	7,840	2
16 A.	Flooded Gum	New South Wales (S.)	7,840	1
116 A. B.	Acacia, sp.	Queensland	7,828	2

TABLE VII.—*continued.*

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
20 A*a*. A*b*. A*c*. A*d*.	Mahogany - -	Liberia - - -	7,826	4
(A.) B. C. D.	Chicheur - - -	British Honduras -	7,802	3
77 A. B.	Broad-leaved Tea Tree -	Queensland - -	7,798	2
31 A. B. C.	- - - - -	Victoria - - -	7,784	3
7,077 A. (B.)	Sittola : - -	East India - -	7,765	1
319 B*a*. B*b*.	Section of Cocoa Nut -	Jamaica - - -	7,756	2
42 A. B. C.	Swamp Mahogany -	New South Wales (S.) -	7,737	3
36 A*a*. A*b*.	Pseudalangium Tomentosum.	Queensland - -	7,728	2
11 A*a*. A*b*.	Light Yellow Wood -	Do. - - -	7,708	2
54 A*a*. A*b*.	Myrtus Argentea -	Do. - - -	7,700	2
22 A. B. (C.) D.	Woorridii - - -	New South Wales (N.) -	7,678	3
72 A. B. C.	- - - - -	East India - -	7,674	3
70 A. B.	Blood Wood - -	Queensland - -	7,578	2
376 A. B.	Blood-red Wood, or Black Mahogany.	Jamaica - - -	7,560	2
35 A. B.	Cugerie - - -	Queensland - -	7,560	2
19 A. B. C. D.	Blue Gum of Camden -	New South Wales (S.) -	7,560	4
10,394 A. B.	Thabyehgjo? - -	East India - -	7,560	2
12 A. B. C.	True or Yellow Box of Camden.	New South Wales (S.) -	7,560	3
25 A. B. C. (D.)	Urri Burrigundie -	Do. (N.) -	7,547	3
6 A. B. C.	Eucalyptus - -	Victoria - - -	7,532	3
4,665 A. (B.)	Kowah - - -	East India - -	7,504	1
136 A. B. C. D.	White Maple - -	New South Wales (S.) -	7,495	4
10,375 A. B.	May-za-lee - -	East India - -	7,485	2
9 A. B.	Swamp Oak - -	Queensland - -	7,406	2
52 A. B.	Hodgkinsonia ovatiflora	Do. - - -	7,322	2
17 A. B.	Pobo, found at Richmond and Lismore.	New South Wales (N.) -	7,317	2
60 A. B. C.	Common Tea Tree -	Do. (S.) -	7,317	3
37 A. B. C. D.	Eucalyptus, sp. - -	Do. (S.) -	7,308	4
284 A. B.	Tecomastans - -	Jamaica - - -	7,261	2
3 A. B. C.	Iron Bark - -	New South Wales (S.) -	7,252	3
5,603 A. (B.)	Assan - - -	East India - -	7,252	1
62 A*a*. A*b*.	Box - - -	Queensland - -	7,252	2
114 A. B.	Celtis, sp. - - -	Do. - -	7,238	2
14 A. B.	Tastab - - -	British Honduras -	7,196	2
5 A. B.	Larch - - -	Russia - - -	7,172	2
10,367 A. B.	Boomayza - -	East India - -	7,168	2
38 A. B.	Grey Plum - -	Queensland - -	7,140	2
154 A. B.	Red Ash, Leather Jacket, Cooper's Woods.	New South Wales (S.) -	7,140	2
111 A. B. C. D.	Water Gum - -	New South Wales (N.) -	7,135	2
55 A. B.	Backhousia citriodora -	Queensland - -	7,126	2
9 A. B. (C. D.)	- - - - -	Victoria - - -	7,056	2
104 A*a*. A*b*.	Found in the Bricklow Scrubs.	Queensland - -	7,028	2
69 A. B.	Found at Clarence, and Richmond Brush Forest.	New South Wales (N.) -	7,014	2
212 A. B.	Balsam Capivi - -	Trinidad - - -	7,009	2
57 A. B. C. D.	Hickory - - -	New South Wales (S.) -	7,000	4
21 A. B. C. D.	Blue Gum - -	Do. (S.) -	6,993	4
43 A. B. C. D.	- - - - -	Victoria - - -	6,990	4
65 A. B.	Red Iron Bark - -	Queensland - -	6,972	2
7,677 A. B.	Tseek Tha - -	East India - -	6,967	2
236 A. B. C.	South American Acacia -	Jamaica - - -	6,944	3
6 A. B.	Forest Oak - -	Queensland - -	6,916	2
8 B*a*. B*b*. B*c*.	Black Wood - -	Tasmania - - -	6,909	3
116 A. B. C. D.	Blue Gum - -	Do. - - -	6,874	4
384 A. B. C. D.	Black Mahogany or Blood-red Wood.	Jamaica - - -	6,860	4
5 A. B. C. D.	Iron Bark - -	New South Wales (S.) -	6,839	4
3,953 A. (B.)	Rohnee - - -	East India - -	6,832	1
1 A. B. C.	Siricote - - -	British Honduras -	6,785	3
80 A. B.	Bottle Brush Tree -	Queensland - -	6,734	2
13 A*a*. A*b*.	Flindersia bennettiana -	Do. - - -	6,734	2
127 A.	Tamarind Tree - -	New South Wales (S.) -	6,720	1
3,961 A. (B.)	Mowah - - -	East India - -	6,720	1
88 A. B.	Found in the Brush Forests on the Clarence.	New South Wales (N.) -	6,720	2

TABLE VII.—*continued.*

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
10,352 A. B.	Eng	East India	6,701	2
53 A. B.	Carissa ovata	New South Wales (N.)	6,692	2
10,382 A. (B.)	Pouktheuma - my - ek-Kyouk.	East India	6,683	1
5,601 A. (B.)	Burdur	Do.	6,664	1
31 A*a*. A*b*.	White Cedar	Queensland	6,664	2
54 A. B.	Turpentine	New South Wales (S.)	6,664	2
4,663 A. B.	Saj	East India	6,664	1
75 A. B. C.	Waddy Wood	Tasmania	6,651	3
29 A*a*. A*b*.	Lignum Vitæ	Queensland	6,650	2
10,415 A. (B.)	Khaboung	East India	6,608	1
69 A*a*. A*b*.	Smooth-barked Gum	Queensland	6,608	2
70 A*a*. A*b*.	Blood Wood	Do.	6,608	2
20 A*a*. A*b*.	Callhum	Do.	6,580	2
8 A. B.	Shingle Oak	Do.	6,560	2
345 A. B.	Wild Orange	Jamaica	6,538	2
7 A. B. C.	Wishmore	Liberia	6,533	3
89 A. B.	Bursaria spinosa	Queensland	6,533	1
45 A. B.	Clarence and Richmond Brush.	New South Wales (N.)	6,524	2
351 A.	Musk Wood	Jamaica	6,496	1
332 A. B. C. D.	Hog Berry	Do.	6,489	4
73 A*a*. A*b*.	Blue Gum	Queensland	6,440	2
43 A. B.	Native Orange	New South Wales (N.)	6,440	2
105 A. B.	River or White Oak	Do. (S.)	6,412	2
47 A*a*. A*b*.	Lime	Queensland	6,398	2
4,672 A. B.	Khumee	East India	6,384	1
13 A. B.	Flindersia bennettiana	Queensland	6,370	2
121 (A*a*.) A*b*.	Weeping Myall	Do.	6,347	1
102 A*a*. A*b*.	Ebenaceæ	Do.	6,342	2
369 A. (B.) C. D.	Tea Tree	Tasmania	6,340	3
55 A*a*. A*b*.	Backhousia Citridora	Queensland	6,328	2
10,376 A. (B.)	Yin-dike	East India	6,309	1
7,065 A. (B.)	Gaham Bada	Do.	6,304	1
6 A*a*. (A*b*.)	Forest Oak	Queensland	6,272	1
6 A. (B.)	Chucxax	British Honduras	6,272	1
9 A. B.	Santa Martia	Do.	6,272	2
363 A. (B.)	Beech Wood	Jamaica	6,272	1
66 A. B.	Stringy Bark	Queensland	6,244	2
84 A*a*. A*b*.	Satin Wood	Do.	6,244	2
169 A. B. C. D.	Red Wood	Jamaica	6,202	4
8 A. B. C. D.	Black Wood	Tasmania	6,164	4
83 A*a*. A*b*.	Rottlera	Queensland	6,160	2
3,951 A. (B.)	Pindra	East India	6,160	1
2 A. B. C. D.	Grey Box Tree	Victoria	6,160	4
18 A. B. C.	Blue Gum of Coast Districts.	New South Wales (S.)	6,160	3
61 A. B. C. D.	Hindosa	New South Wales (N.)	6,146	4
58 A. B.	Mahogany	Liberia	6,146	2
97 A. B. C. D.	White Gum	Tasmania	6,125	4
201 (A. B.) C. D.	Laurier Blanc	Trinidad	6,090	2
54 A. B.	Schmidelia pyriformis	New South Wales (N.)	6,094	2
7,234 A. B.	- - - -	East India	6,062	2
140 (A.) B.	Sandal Wood	Do.	6,048	1
3,957 A. (B.)	Tine or Sisso	Do.	6,048	1
109 A*a*. A*b*.	Olive Tree	Queensland	6,000	2
17 A. B.	Tulip Tree	Do.	5,992	2
44 A. B.	Tulip Wood	Do.	5,936	2
17 A*a*. B*b*.	Tulip Tree	Do.	5,936	2
219 A. B. C. (D.)	Tamarind	Trinidad	5,917	3
15 A. B. C. D.	Burr Wood	Liberia	5,898	4
221 A. B.	Guatamare	Trinidad	5,884	2
16 A. B.	Subin or Cubin	British Honduras	5,861	2
113 (A*a*.) A*b*.	Mangrove	Queensland	5,824	1
40 A*a*. A*b*.	Cupania, sp.	Do.	5,810	2
45 A. B.	Schmidelia pyriformis	Do.	5,782	2
15 A. B. C. D.	Mora	British Guiana	5,782	4
74 A. B.	White Myrtle	New South Wales (N.)	5,772	2
42 A. B. C. D.	- - - -	Victoria	5,751	4
84 A. B.	Marble Wood	New South Wales (N.)	5,740	2
10,427 A. B.	Yemaneh	East India	5,693	2
10,478 A. B. C.	Nat Gyee	Do.	5,690	2
105 A. B.	Barkleya syringæfolia	Queensland	5,856	2

TABLE VII.—*continued.*

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
20 A. B. C. D.	Cumara or Tonka -	British Guiana - -	5,639	4
164 A. B. C. D.	Blood or Iron Wood -	Jamaica - - -	5,583	4
67 A. B.	Nono Gyinandii - -	New South Wales (N.) -	5,581	2
84 A. B.	Black Wattle of Illawarra.	Do. (S.) -	5,572	2
121 A. B.	Weeping Myall - -	Queensland - -	5,572	2
42 A*a*. A*b*. A*c*. A*d*.	- - - -	Victoria - - -	5,558	4
59 A. B.	Myrtus Aemenoide -	Queensland - -	5,554	2
75 A. B. C.	Mungkudu - -	East India - -	5,550	3
109 A. B.	Swamp Mahogany -	New South Wales (N.) -	5,525	2
237 A. B.	Sapodilla - - -	Trinidad - - -	5,506	2
25 A*a*. A*b*.	Cherry - - -	Queensland - -	5,506	2
257 (A.) B. C.	Pui - - -	Trinidad - - -	5,002	2
120 (A.) B.	Acacia, sp. - -	Queensland - -	5,488	1
3 A. (B.)	Larch - - -	Russia - - -	5,488	1
10,361 A. B.	Poonyet - - -	East India - -	5,474	2
216 A.	Purple Heart - -	Trinidad - - -	5,451	1
5,606 A. (B.)	Red Sissoo - -	East India - -	5,432	1
108 A*a*. A*b*.	Canthium Lamprophyllum.	Queensland - -	5,413	2
201 A*a*. A*b*. (A*c*. A*d*.)	Laurier Blanc - -	Trinidad - - -	5,390	2
36 A. B.	Tseudalangium Tomentosum.	Queensland - -	5,385	2
108 A. B.	Canthium Lamprophyllum.	Do. - - -	5,362	2
1,220 A. B.	Unjun - - -	East India - -	5,348	2
2 A. B.	Cranadilla - -	British Honduras -	5,342	2
252 A. B. C.	White Mangrove -	Jamaica - - -	5,341	3
10,417 A. (B.)	Paet-than - -	East India - -	5,320	1
23 A. B.	Grey Gum - -	New South Wales (S.) -	5,306	2
367 A. B. C. D.	Iron Wood - -	Tasmania - - -	5,278	4
355 A. B.	Black Rosewood -	Jamaica - - -	5,278	2
18 A. B.	Box Wood - -	Liberia - - -	5,266	2
81 A. B.	Croton Phebalioides, R.B.	Queensland - -	5,264	2
5,609 A. (B.)	Keehar - - -	East India - -	5,264	1
16 A. B.	Cherry Wood - -	Liberia - - -	5,259	2
1 A. B. C. D.	White or Pale Iron Bark	New South Wales (S.) -	5,243	4
31 A. B.	White Cedar - -	Queensland - -	5,236	2
21 A. B. C. D.	Caoutchouc - -	British Honduras -	5,231	4
20 A. B. C.	Ironwood - - -	Liberia - - -	5,231	3
6,549 A. (B.)	Titseim - - -	East India - -	5,206	1
7,093 A. (B.)	Gading-gading - -	Do. - - -	5,206	1
18 A. B. C.	Caraba or Crab-wood -	British Guiana - -	5,201	3
13 A. B.	Bullet Wood - -	British Honduras -	5,194	2
10,482 A. (B.)	Pune Tha - -	East India - -	5,189	1
5,606 A. (B.)	Peasal - - -	Do. - - -	5,175	1
80 A. B.	- - - - -	Do. - - -	5,156	2
220 A. B.	Casse - - -	Trinidad - - -	5,152	2
46 A*a*. A*b*.	Catha Cunninghami -	Queensland - -	5,152	1
6 A. B. C. D.	Red Box - - -	New South Wales (N.) -	5,119	4
10,477 A. (B.) C.	Kay Yoob - -	East India - -	5,114	2
8 A. B. C. D.	- - - - -	Victoria - - -	5,103	4
44 A*a*. A*b*.	Tulip Wood - -	Queensland - -	5,096	2
88 A. B.	Bursaria ferruginea -	Do. - - -	5,096	2
45 A. B. C.	Wattle - - -	Victoria - - -	5,096	3
24 A. B. C. D.	Ash, Beech, and Flindosa.	New South Wales (N.) -	5,072	4
365 A. B.	Wild Cinnamon - -	Jamaica - - -	5,068	2
4 A. B.	Canasin - - -	British Honduras -	5,054	2
106 A. B.	Gerjeria Salicifolia -	Queensland - -	5,012	2
77 A. B.	Iron Bark of the Clarence.	New South Wales (N.) -	5,002	2
105 A*a*. A*b*.	Barkleya syringæfolia -	Queensland - -	4,984	2
84 A. B.	Satin Wood - -	Do. - - -	4,970	2
29 A. B.	Lignum Vitæ - -	Do. - - -	4,956	2
3 A. B.	Coast Tea Tree - -	Victoria - - -	4,914	2
367 A. B.	White Cedar - -	Jamaica - - -	4,914	2
10 A. B.	Box of Illawarra -	New South Wales (N.) -	4,904	2
49 A. B.	Porviflora - -	Queensland - -	4,900	2
350 A. B.	Green Heart - -	Jamaica - - -	4,872	2
137 (A.) B.	Wallandum Deyern -	New South Wales (S.) -	4,872	1

TABLE VII.—*continued.*

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
218 A. B.	Dog Wood	Jamaica	4,862	2
10,438 A. B. C.	Nasha	East India	4,859	3
53 A. B.	Myrtus Trinervis	Queensland	4,853	2
371 A. B. C. D.	White Torch	Jamaica	4,844	4
89 A. B.	Found in the Brush Forests on the Clarence.	New South Wales (N.)	4,830	2
40 A. B. C.	Uroobie	Do. (N.)	4,822	3
105 A. B.	Light Yellow Wood	Do. (N.)	4,774	2
90 A. B.	N. O. Pittosporaceæ ?	Queensland	4,760	2
358 A. B. (C.)	White Rosewood	Jamaica	4,746	2
2 A. B.	White Iron Bark	New South Wales (S.)	4,746	2
109 A. B.	Olive Tree	Queensland	4,741	2
319 Ba. Bb. Bc. Bd.	Section of Cocoa Nut	Jamaica	4,732	4
5 A. B. C. (D.)	Bastard or White Box	New South Wales (N.)	4,704	3
339 A. B. C. D.	Naseberry Bullet Tree	Jamaica	4,701	4
21 A. B.	Wootarie	New South Wales (N.)	4,684	2
144 A. B.	Black Myrtle	Do. (N.)	4,676	2
354 A. B.	Sweet Wood	Jamaica	4,666	2
160 A. B.	White Lance Wood	Do.	4,666	2
15 A. B. C.	Box	New South Wales (S.)	4,634	3
15 A. B. C.	Musk Tree	Victoria	4,620	3
223 (A.) B. C. D.	Braziletto	Jamaica	4,620	3
71 A. B.	Swamp Oak	New South Wales (N.)	4,620	2
13 A. B.	Wobul	Do. (N.)	4,592	2
1,315 A. (B.)	Karee	East India	4,592	1
23 A. B.	Mountain Ash	Queensland	4,592	1
117 Aa. Ab.	Rosewood	Do.	4,564	2
7,629 A. B.	Boom Mai Za	East India	4,564	2
17 A. B. C. D.	Flooded Gum	New South Wales (S.)	4,557	4
13 A. B. C. D.	Bastard Box	Do. (S.)	4,538	4
122 Aa. Ab.	Bricklow	Queensland	4,536	2
88 Aa. Ab.	Bursaria ferruginea	Do.	4,536	2
4 A. B. C. D.	Wadaduri, or Monkey Nut	British Guiana	4,533	4
326 A. B.	Red Wood	Jamaica	4,522	2
30 Aa. Ab.	Beech	Queensland	4,522	2
10,358 A. B.	Gangan	East India	4,480	2
5,604 A. (B.)	Gumbaree	Do.	4,480	1
10,409 A. B.	Htein	Do.	4,480	2
106 Ca. Cb.	Gerjeria Salicifolia	Queensland	4,452	—
106 Ba. Bb.	Do.	Do.	4,438	2
8 Aa. Ab.	Black Wood	Tasmania	4,433	2
577 A. B. C. D.	Blue Gum	Do.	4,431	4
50 A. B.	Maba Geminata	Queensland	4,424	2
371 A. B. C. D.	Stringy Bark	Tasmania	4,421	4
14 A. B.	Found near Lismore, near Richmond River.	New South Wales (N.)	4,414	2
48 A. B. C. D.	Stringy Bark, Camden	Do. (S.)	4,410	4
2,345 A. (B.)	Tenasserim Mahogany	East India	4,405	1
210 A. B. C.	Casuarina equisitifolia	Jamaica	4,396	3
18 A. B.	Kaskat	British Honduras	4,368	1
20 A. B.	Callhum	Queensland	4,368	2
7,524 A. (B.)	Kaitha	East India	4,368	1
7,520 A. (B.)		Do.	4,368	1
9,394 A. B. C. D.	Myrtle	Tasmania	4,354	4
64 A. B.	Broad-leaved Tea Tree	New South Wales (S.)	4,340	2
57 A. B.	Iron Wood	Queensland	4,340	2
70 A. B.	Myrtle	New South Wales (S.)	4,340	2
15 A. B.	Silky Oak	Queensland	4,326	—
12 D.	Toniphan	New South Wales (N.)	4,312	1
297 A. B. C. D.	Red Heart (? leaf or heart.)	Jamaica	4,312	4
68 A. B.	Pine Brush	New South Wales (N.)	4,312	2
23 Aa. Ab.	Mountain Ash	Queensland	4,298	2
110 Aa. Ab.	Ixora Thozetiana, F.M.	Do.	4,284	2
6 A. B. (C.) D.	Riga Oak	Russia	4,280	3
11 A. B. C. D.	Broad-leaved Box Tree	Victoria	4,277	4
17 A. B.	Sapodilla	British Honduras	4,256	1
75 Aa. Ab. Ac.	Waddy Wood	Tasmania	4,256	3
46 A. B.	Catha Cunninghami	Queensland	4,256	2
28 A. B. C. D.	Native Plum	New South Wales (N.)	4,251	4
7 A. B. C.		Victoria	4,243	3
60 A. B.	Hickory, Lignum Vitæ	New South Wales (N.)	4,242	2
62 A. B.	Box	Queensland	4,214	2

TABLE VII.—*continued.*

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
47 A. B.	Lime - - -	Queensland - -	4,214	2
52 A. B. C. D.	Apple Tree of Coast -	New South Wales (S.) -	4,200	4
4,661 A. B.	Jiomrassee - -	East India - -	4,181	1
10,406 A. B.	Bingah - - -	Do. - - -	4,162	2
104 A. B.	Bitter Bark - -	New South Wales (N.) -	4,158	2
4 A. B.	- - - - -	Victoria - - -	4,144	1
97 A. B.	Sersalisia sericea, R.B. -	Queensland - -	4,144	2
218 A. B. (C.) D.	Nararyillo Amgrillo -	Trinidad - - -	4,137	3
28 A. B. C. D.	- - - - -	Victoria - - -	4,137	4
48 A. B.	Cyminosma Oblongifolia	Queensland - -	4,116	2
558 A. B. C.	Blue Gum - -	Tasmania - - -	4,113	3
106 A. B.	Iron Wood - -	New South Wales (N.) -	4,106	2
36 A. B.	Larrabie - - -	Do. (N.) -	4,088	2
19 A. B.	Light Wood - -	Queensland - -	4,088	2
91 A. B.	Crab Tree - -	Do. - - -	4,060	2
48 *Aa*. *Ab*.	Cyminosma Oblongifolia	Do. - - -	4,046	2
81 *Aa*. *Ab*.	Croton Phebalioides, R.B.	Do. - - -	4,032	2
5 *Aa*. *Ab*. (*Ac*.)	Mint Tree - -	Victoria - - -	4,032	2
29 A. B. C. D.	- - - - -	Do. - - -	4,006	4
58 A. B.	Myrtle - - -	Queensland - -	4,004	2
187 A. B. C. D.	Gommier - - -	Trinidad - - -	4,004	4
122 A. B.	Bricklow - - -	Queensland - -	4,004	2
34 A. B. C. D.	- - - - -	Victoria - - -	4,004	4
265 A. B.	Red Mangrove - -	Trinidad - - -	3,976	2
228 A. B.	Yellow Candle Wood -	Jamaica - - -	3,957	2
35 A. B. C. D.	Stringy Bark - -	Victoria - - -	3,934	4
4 A. B. C. D.	Broad-leaved Rough Iron Bark.	New South Wales (S.) -	3,923	4
1,214 A. (B.)	Doodhee - - -	East India - -	3,920	1
10,434 A. (B.)	Theetmin - -	Do. - - -	3,920	1
7,075 A. (B.)	Jermalang - -	Do. - - -	3,920	1
262 A. B. C. D.	Olivier - - -	Trinidad - - -	3,910	4
25 A. B.	Cherry - - -	Queensland - -	3,901	2
5,610 A. (B.)	Koozoom - - -	East India - -	3,892	1
45 *Aa*. *Ab*.	Schmidelia pyriformis -	Queensland - -	3,892	2
63 A. B.	Flintamendosa - -	New South Wales (N.) -	3,882	2
110 (A.) B.	Ixora Thozetiana, F.M. -	Queensland - -	3,864	1
4,666 A. (B.)	Ghattoo - - -	East India - -	3,864	1
24, A. B.	Broad-leaved Cherry Tree	Queensland - -	3,864	2
25 A. B. C. D.	Roughed-barked Gum -	New South Wales (S.) -	3,864	4
117 A. B.	Rosewood - -	Queensland - -	3,864	2
10,348 A. B.	Petwoon - - -	East India - -	3,859	2
166 A. B. C.	Soap-nut Tree (Bois Corticera.)	Trinidad - - -	3,854	3
10,359 A. (B.)	Toung-tha-lay - -	East India - -	3,836	1
185 A. B. C. D.	Noyer - - -	Trinidad - - -	3,833	4
10 A. B. C. D.	Woolly Butt - -	Victoria - - -	3,829	4
155 A. B. C. D.	Tapana - - -	Trinidad - - -	3,822	2
280 A. B. C. D.	Genipa - - -	Do. - - -	3,819	4
58 *Aa*.	Myrtle - - -	Queensland - -	3,780	1
30 A. (B.)	Beech - - -	Do. - - -	3,780	1
13 *Aa*. *Ab*.	Bastard Box - -	New South Wales (S.) -	3,780	2
4,754 A. B.	Iron Wood - -	East India - -	3,775	2
67 A. B.	Spotted Gum - -	Queensland - -	3,766	2
24 *Aa*. *Ab*.	Broad-leaved Cherry Tree	Do. - - -	3,752	2
11 A. B. C. D.	Bastard Box of Illawarra	New South Wales (S.) -	3,752	4
26 C. D.	Spotted or Mottled Gum	Do. (S.) -	3,752	2
32 A. B.	Plum Tree - -	Queensland - -	3,724	2
7 A. B. C. D.	Narrow-leaved, Smooth, or Red Iron Bark.	New South Wales (S.) -	3,724	4
34 A. B.	Dark Yellow Wood -	Queensland - -	3,710	2
10,379 A. (B.)	Padouk - - -	East India - -	3,696	1
185 A. (B.)	Black Wood - -	Do. - - -	3,696	1
144 (A.) B.	Bengha - - -	Do. - - -	3,696	1
243 A. B.	Acoma, or Mastic -	Trinidad - - -	3,686	2
29 *Aa*. *Ab*. *Ac*. *Ad*.	- - - - -	Victoria - - -	3,672	4
113 A. B.	Mangrove - -	Queensland - -	3,658	2
201 A. B. C.	Red Candle Wood -	Jamaica - - -	3,646	3
3 A. B. C.	Goorie - - -	New South Wales (N.) -	3,645	3
10 *Aa*. *Ab*. *Ac*. (*Ad*.)	Woolly Butt - -	Victoria - - -	3,637	3
35 A. B. C.	Peppermin	Tasmania - - -	3,627	3
2,488 A. (B.)	Paunaga	East India - -	3,621	1

TABLE VII.—*continued.*

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
7,527 A. B.	Neem	East India	3,612	1
111 A. B.	Notelœa Longifolia	Queensland	3,584	2
226 A. B. (C. D.)	Angelin	Trinidad	3,584	2
10,225 A. (B.)	Saul	East India	3,584	1
16 A. B. C. D.	Burneh, Bully, or Bullet Tree.	British Guiana	3,572	4
104 A. B. (C.)		East India	3,564	2
5,600 A. (B.)	Sissoo, Black	Do.	3,556	1
4,668 A. (B.)	Dhowrah	Do.	3,556	1
23 A. B. C. D.	Urra Wimbie	New South Wales (N.)	3,504	4
372 A. B. C. D.	Blue Gum	Tasmania	3,490	4
10,440 A. (B.)	Baman	East India	3,472	1
372 A. B.	Beef Apple	Jamaica	3,472	2
8 C. D.	Narrow-leaved Iron Bark.	New South Wales (S.)	3,458	2
270 A. B.	Wild Guava	Trinidad	3,444	2
49 A*a*. A*b*.	Parviflora	Queensland	3,434	2
80 A*a*. A*b*.	Bottle Brush Tree	Do.	3,416	2
103 A. B.	Grey Gum	New South Wales (N.)	3,398	2
276 A. B.	Guatecare	Trinidad	3,378	2
2 A*a*. A*b*. A*c*. A*d*.	Grey Box Tree	Victoria	3,378	4
60 A. B.	Myrtus Australis	Queensland	3,374	2
8 C*a*. C*b*. C*c*. C*d*.	Black Wood	Tasmania	3,374	4
43 A*a*. A*b*.	Tamarind Tree	Queensland	3,360	2
10,489 A. B.	Kya Ya	East India	3,360	2
65 A*a*. A*b*.	Red Iron Bark	Queensland	3,346	2
8 A. (B.)	Pimento	British Honduras	3,332	1
10,399 A. B.	Laizah	East India	3,332	2
73 A. B.	Blue Gum	Queensland	3,332	2
60 A*a*.	Myrtus Australis	Do.	3,320	1
61 A. (B.)	N. O. Myrtaceæ	Do.	3,304	1
10,491 A. B.	Zangyecoat-doup	East India	3,304	2
46 D.		Victoria	3,285	1
10,485 A. B. C.	Padouk	East India	3,257	3
4,664 A. (B.)	Beejah	Do.	3,248	1
3,955 A. (B.)	Kardahee	Do.	3,248	1
177 A.	Spoke of a Wheel	New South Wales (S.)	3,220	1
64 A. B.	Tea Tree	Do. (N.)	3,220	2
106 A*a*. A*b*.	Gerjeria Salicifolia	Queensland	3,206	2
93 A*a*. A*b*.	N. O. Sterculicia	Do.	3,192	2
19 A*a*. A*b*.	Light Wood	Do.	3,178	2
10,420 A. (B.)	Than-day	East India	3,173	1
55 A*a*. A*b*.	Myrtus Trinervis	Queensland	2,122	2
217 A. B.	Locust	Trinidad	3,098	2
38 A*a*. A*b*.	Grey Plum	Queensland	3,066	2
19 (A.) B. C.	Cedar	Liberia	3,038	2
21 (A.) B. C. D.	Black Oak	Do.	3,024	3
22 A. B. C. D.	Iron Bark	Victoria	3,012	4
14 A. B. C. D.	Bastard Box	New South Wales (S.)	2,989	4
2,471 A. (B.)	Kasso	East India	2,987	1
111 A*a*. A*b*.	Notelœa Longifolia	Queensland	2,968	2
47 A. (B.)	Stringy Bark, Appin	New South Wales (S.)	2,968	1
51 A. B.	Cargillia australis	Queensland	2,968	2
7,622 A. B. C. D.	Oak An	East India	2,958	3
104 A. B.	Found in the Bucklow Scrubs.	Queensland	2,921	2
4,660 A. (B.)	Surreye	East India	2,912	1
38 A. B. C. D.	Native Cherry Tree	Victoria	2,905	4
79 A. B.	Common Tea Tree	Queensland	2,893	2
200 A. B. C. D.	Laurier Canelle	Trinidad	2,891	4
63 A*a*. A*b*.	Black Iron Wood	Queensland	2,884	2
5,597 A. (B.)	Guringa	East India	2,828	1
3,950 A. (B.)	Kaim	Do.	2,800	1
147 A. (B.)	Terwah	Do.	2,800	1
10,475 A. B.	Manu Auka	Do.	2,790	2
11 A. B. C.	Black Gum	Liberia	2,787	3
32 A*a*. A*b*.	Plum Tree	Queensland	2,786	2
40 A. B. C. D.	Messmate	New South Wales (S.)	2,765	4
72 A. B.	Woolly Butt	Queensland	2,758	2
38 A. B. C. D.	Grey Gum from Brisbane Water.	New South Wales (S.)	2,744	4
1 A. (B.)	Bogum-bogum	Do. (N.)	2,744	1
5,599 A. (B.)	Teak Sagoon	East India	2,725	1
267 A. B. C. D.	White Bully Tree	Jamaica	2,716	4

TABLE VII.—*continued.*

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
4,659 A. (B.)	Doodheea Sagoon	East India	2,716	1
169 A. B. C. D.	Paraman	Trinidad	2,709	4
4,662 A. B.	Dhengum	East India	2,688	1
10,390 A. B.	Htoukgyan	Do.	2,680	2
12 A*a*. A*b*.	Flindosa	Queensland	2,660	2
69 A. B.	Smooth-barked Gum	Do.	2,660	2
7,531 A. B.	- - - -	East India	2,651	1
86 A. B.	Woodupar	Do.	2,646	2
54 A. B.	Myrtus Argentea	Queensland	2,646	2
10,388 A. B.	Pangah	East India	2,632	2
30 A. B. C.	- - - -	Do.	2,613	3
115 A. B.	Acacia, sp.	Queensland	2,604	2
68 A*a*. A*b*.	Turpentine Tree	Do.	2,590	2
15 A. B.	Mabinjuh or Mabinjuj	British Honduras	2,576	1
10,384 A. (B.)	Thitsee	East India	2,576	1
7,089 A. B.	Bintaling	Do.	2,576	1
206 A. B. C. (D.)	Bois de Fer	Trinidad	2,548	3
64 A. B.	Grey Iron Bark	Queensland	2,534	2
114 A. B.	Brush Iron Bark	New South Wales (N.)	2,520	2
328 A. B.	Black Bullet Tree	Jamaica	2,506	3
27 A. B. C.	Native Tamarind	New South Wales (N.)	2,482	3
373 A. B. C. D.	Stringy Bark	Tasmania	2,471	4
4,657 A. (B.)	Seba Sagoon, Teak	East India	2,464	1
94 A. (B.)	Silver Tree	Queensland	2,464	1
67 A*a*. A*b*.	Spotted Gum	Do.	2,450	2
10 A. B. C.	Cedar	Liberia	2,445	3
72 A*a*. A*b*.	Woolly Butt	Queensland	2,436	1
64 A*a*. A*b*.	Grey Iron Bark	Do.	2,436	2
7,071 A. (B.)	Murbow	East India	2,352	1
5,608 A. (B.)	Koozoom	Do.	2,352	1
63 A. B.	Black Iron Wood	Queensland	2,352	2
83 A. B.	Rottlera	Do.	2,352	2
99 A*a*. (A*b*.)	Bean Tree	Do.	2,352	1
12 A. B.	Flindosa	Do.	2,342	2
66 A. B.	Bastard Myall	New South Wales (N.)	2,338	2
51 A. B. (C.) D.	Pencil Cedar	Do. (N.)	2,333	3
66 A*a*. A*b*.	Stringy Bark	Queensland	2,324	2
14 A. B. C. D.	Houbaballi	British Guiana	2,310	4
373 C*a*.(C*b*.) C*c*.	Stringy Bark	Tasmania	2,296	2
222 A. B. C. D.	Bois Mulatre	Trinidad	2,247	4
7,067 A. (B.)	Bia-babi	East India	2,203	1
17 A. B.	Brimstone	Liberia	2,188	2
10,386 A. (B.)	Nabhay	East India	2,184	1
10,410 A. (B.)	Htengalah	Do.	2,184	1
4,658 A. (B.)	Putteereea Sagoon	Do.	2,165	1
10,356 A. B.	Engyin	Do.	2,146	2
102 A. B.	Ebenaceæ	Queensland	2,144	2
93 A. B.	N. O. Sterculicia	Do.	2,142	2
6,550 A. B.	Pangah	East India	2,128	1
112 A*a*. A*b*.	N. O. Capparidaceæ	Queensland	2,128	2
10,362 A. B.	Gojo	East India	2,128	2
10,357 A. (B.)	Theya	Do.	2,128	1
7,514 A. B.	Sakhoo	Do.	2,128	2
68 A. B.	Turpentine Tree	Queensland	2,114	2
10,397 A. (B.)	Thabyehgab	East India	2,091	1
168 A. B. C. D.	Surette	Trinidad	2,090	4
171 A. B. C. D.	Galba	Do.	2,072	4
71 A*a*.	Swamp Mahogany	Queensland	2,072	1
71 A. B.	Do.	Do.	2,067	2
123 A. B.	Acacia	Do.	2,058	2
50 A*a*. A*b*.	Maba Geminata	Do.	2,044	2
4 A. B.	Gulgis	New South Wales (N.)	2,044	2
86 A. (B.)	- - - -	Queensland	2,044	1
24 A. B.	Woolly Butt of Illawarra	New South Wales (S.)	2,044	2
79 A*a*. (A*b*.)	Common Tea Tree	Queensland	2,016	1
10,426 A. B. C.	Kuyon Teak	East India	2,012	3
196 A. B.	Beef Wood	Trinidad	1,988	2
6,551 A. (B.)	Lein	East India	1,988	1
2,474 A. (B.)	Brombong	Do.	1,960	1
10,355 A. B.	Thurgadoe	Do.	1,946	2
5,598 A. (B.)	Sal	Do.	1,932	1
5 A. (B.)	Kakaralli	British Guiana	1,904	1
2,465 A. (B.)	Marabow	East India	1,848	1
6,548 A. (B.)	Nabhay	Do.	1,829	1

TABLE VII.—*continued.*

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
29 A. (B. C.)	Hitchia	British Guiana	1,792	1
207 A. B. C. D.	Cauto	Trinidad	1,715	4
7,086 A. (B.)	Dammer-laut	East India	1,680	1
373 A*a*. A*b*. A*c*. A*d*.	Stringy Bark	Tasmania	1,593	4
7 A.	River Oak	Queensland	1,568	1
10,416 A. B.	Toung-za-lat	East India	1,512	2
118 A*a*. A*b*.	Acacia sapindoides	Queensland	1,502	2
3,954 A. (B.)	Londya	East India	1,456	1
10,405 A. B.	Hnan	Do.	1,400	2
7,618 A. B.	Thin Gan	Do.	1,381	2
10,349 (A.) B.	Dwa Nee	Do.	1,344	1
2,493 A. (B.)	Klay Dang	Do.	1,232	1
2,470 A. (B.)	Klat Mera	Do.	1,232	1
2,476 A. (B.)	Marsawa	Do.	1,204	1
9,239 A. (B.)	Bayang Bada	Do.	1,008	1
7,072 A. (B.)	Klat	Do.	928	1
97 A*a*. A*b*.	- - - -	Queensland	784	2
87 (A.) B.	Leichhardt's Wood	Do.	635	1
24 A. B.	Pinus Piceæ	Austria.	..	..
21 A. B. C.	Do.	Do.	..	..
24 A*a*.	Do.	Do.	..	..
22 A. B. C. D.	Do.	Do.	..	..
24 B*a*.	- - - -	Do.	..	..
20 A. B. C. D.	Pinus Piceæ	Do.	..	..
26 A*a*. A*b*. A*c*. A*d*.	Green Heart	British Guiana.	..	..
26 A. B. C. D.	Sipiri or Green Heart	Do.	..	..
10 A. B.	Pasak	British Honduras.	..	..
4 A.	Satin Wood	Ceylon.	..	..
3 A.	Saminig	Do.	..	..
1 A.	Halmolilli	Do.	..	..
2 A.	Iron or Beef Wood	Do.	..	..
7,522 A. B.	Arar	East India.	..	..
7,529 A. B.	Asna or Asan	Do.	..	..
7,064 A. B.	Jurai	Do.	..	..
9,247 A. B.	- - - -	Do.	..	..
7,066 A. B.	Rungas	Do.	..	..
7,070 A. B.	Bahkoh	Do.	..	..
2,462 A. B.	Balow	Do.	..	..
10,465 A. B.	Dedoup Tha	Do.	..	..
9,240 A. B.	Brangan	Do.	..	..
6,544 A. B.	Pouktheuma - my - ek-Kyouk.	Do.	..	..
2,462 A. B.	Balow	Do.	..	..
1,771 A. B.	Toon	Do.	..	..
1,219 A. B.	Do.	Do.	..	..
145 A.	Bon	Do.	..	..
1,772 A. B.	Chump	Do.	..	..
10,366 A. B.	Yimma	Do.	..	..
7,092 A. B.	Madang Serai	Do.	..	..
7,525 A. B.	Aum	Do.	..	..
14 A. B. C. D.	Carpinus betulus	Hungary.	..	..
9 A. B. C. D.	Quercus robur	Do.	..	..
2 A. B. C. D.	Sorbus terminalis	Do.	..	..
3 A. B. C. D.	- - - -	Do.	..	..
13 A. B. C. D.	Quercus	Do.	..	..
26 A. B.	- - - -	Do.	..	..
17 A. B. C.	Fagus sylvatica	Do.	..	..
25 A. B. C. D.	- - - -	Do.	..	..
11 A. B.	Pyrus malus	Do.	..	..
10 A. B. C. D.	- - - -	Do.	..	..
8 A. B. C. D.	Betula alba	Do.	..	..
5 A. B. C. D.	- - - -	Do.	..	..
4 A. B. C. D.	Fraxinus excelsior	Do.	..	..
7 A. B. C. D.	Acer pseudo-platanus	Do.	..	..
1 A. B. C. D.	Acer platanoides	Do.	..	..
6 A. B. C. D.	Acer pseudo-platanus	Do.	..	..
27 A. B. C.	- - - -	Do.	..	..
28 A. B.	- - - -	Do.	..	..
16 A. B.	Salix viminalis	Do.		Average of experiments.
15 A. B.	Salix caprea	Do.	..	..

TABLE VII.—*continued.*

No. of Specimen.	Name.	Colony.	Mean Crushing Weight in lbs.	No. of Experiments.
208 A. B. C. D.	Cauto	Jamaica.	..	..
407 A.	Star Apple	Do.	..	..
312 A. B. C.	Juniper Cedar	Do.	..	..
343 A. B. C.	Cspada Wood	Do.	..	..
329 A. B. C.	Galla Pear	Do.	..	..
8 A. B.	Iron Bark	New South Wales, Hunter's River.	..	..
1 A.	Blue Gum	Do.	..	..
5 A. B.	Iron Bark	Do.	..	..
7 A*a*.	Tea Tree	Do.	..	..
9 A.	Blue Gum	Do.	..	..
7 A.	Tea Tree	Do.	..	..
3 A.	Grey Gum	Do.	..	..
6 A.	Mahogany	Do.	..	..
9 A.	Pine	Do.	..	..
2 A. B.	Goorie ?	New South Wales (N.)	..	..
9 A. B.	- - - -	Do. (N.)	..	..
8 A. B.	Coorong Cypress Pine	Do. (N.)	..	..
176-16 ?	Polai Cedar	Do. (S.)	..	..
100	- - - - -	Queensland	-	No experiment.
37 A. B.	Capparis Mitchelli	Do.	..	..
95 A. B.	- - - -	Do.	..	..
14 A. B.	Flindersia selwiniana	Do.	..	..
100 A*a*. A*b*.	Ebenaceæ	Do.	..	..
92 A*a*. A*b*.	Anacardiaceæ	Do.	..	..
18 A. B.	Aralia Elegans	Do.	..	..
21 A. B.	Cabbage Tree	Do.	..	..
112 A. B.	Capparidaceæ	Do.	..	..
1 A. B.	Bunya Bunya	Do.	..	..
114 A*a*. A*b*.	Celtis, sp.	Do.	..	..
1 A*a*. A*b*.	Bunya Bunya	Do.	..	..
2 A. B.	Moreton Bay	Do.	..	..
2 A*a*. A*b*.	Moreton Bay Pine	Do.	..	..
101	- - - - -	Do.	-	No experiments.
1 A. B. C. D.	Riga Fir	Russia.	..	..
67 A. B. C.	Sassafras	Tasmania.	..	..
363 A. B. C. D.	Gum Topped Stringy Bark or White Gum.	Do.	..	..
102 A. B. C. D.	Silver Wattle	Do.	..	..
364 A. B.	Peppermint	Do.	..	..
556 A. B. C.	Blue Gum	Do.	..	..
180 B. C. D.	Crab Tree	Trinidad.	..	..
163 A.	Thespesia populnea	Do.	..	..
167 A. B. C.	Cacapoule	Do.	..	..
270 A*a*. A*b*. A*c*. A*d*.	Wild Guava	Do.	..	..
158 A. B. C. D.	Garlick Pear	Do.	..	..
162 A. B.	Mahoe	Do.	..	..
208 A. B. C. D.	Cauto	Do.	..	..
205 A. B. C. D.	Canturo	Do.	-	No experiment.
39 A. B. C. D.	Spurious Mulberry Tree	Victoria.	..	..

TABLE VIII.

EXPERIMENTS for ASCERTAINING the RECOVERY from DEFLECTION on the REMOVAL of the STRAIN at every 1,120 lbs.

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	AUSTRIA.				
	No experiments.				
	BRITISH GUIANA.				
5 A.	Kakaralli	2,240	·091	·018	·073
7 B.	Moraballi or Mooraballi	2,240	·110	·056	·054
7 C.	Do.	3,360	·168	·073	·095
7 D.	Do.	2,240	·064	·001	·063
14 A.	Houbaballi	2,240	·159	·035	·124
14 C.	Do.	2,240	·131	·071	·060
15 B.	Mora	2,240	·060	·006	·054
15 C.	Do.	4,480	·178	·032	·146
15 D.	Do.	2,240	·073	·022	·051
16 A.	Burneh, Bully, or Bullet Tree	2,240	·066	·034	·032
16 B.	Do.	4,480	·119	·033	·086
16 C.	Do.	6,720	·201	·046	·155
16 D.	Do.	2,240	·046	·004	·042
16 A*a*.	Do.	4,480	·090	·010	·080
16 A*b*.	Do.	6,720	·155	·024	·131
18 A.	Caraba or Crab Wood	2,240	·081	·079	·002
18 C.	Do.	2,240	·118	·002	·116
20 A.	Cumara or Tonka	2,240	·054	·001	·053
20 B.	Do.	4,480	·096	·010	·086
26 B.		2,240	·058	·0	·058
26 B.		3,360	·074	·0	·074
26 B.		4,480	·097	·001	·096
26 B.		5,600	·129	·004	·125
26 A*c*.	Greenheart	2,240	·059	·022	·037
26 A*c*.	Do.	4,480	·117	·037	·080
26 A*c*.	Do.	6,720	·181	·050	·131
29 A.	Hitchia	3,360	·201	·032	·169
29 B.	Do.	2,240	·130	·040	·090
29 B.	Do.	3,360	·260	·085	·175
	BRITISH HONDURAS.				
1 A.	Siricote	2,240	·079	·0	·079
1 A.	Do.	3,360	·116	·003	·113
1 A.	Do.	4,480	·182	·014	·168
1 C.	Do.	2,240	·116	·006	·110
1 C.	Do.	3,360	·214	·034	·180
2 A.	Cranadilla	2,240	·082	·003	·079
2 A.	Do.	3,360	·103	·006	·097
2 A.	Do.	4,480	·142	·008	·134
2 A.	Do.	5,600	·179	·017	·162
2 B.	Do.	6,720	·214	·024	·190
3 A.	Chichem	2,240	·171	·030	·141
3 B.	Do.	2,240	·107	·0	·107
3 B.	Do.	3,360	·178	·038	·140
3 C.	Do.	2,240	·098	·012	·086
3 C.	Do.	3,360	·146	·023	·123
4 A.	Canasin	2,240	·058	·0	·058
4 A.	Do.	3,360	·075	·0	·075
4 A.	Do.	4,480	·093	·002	·091
4 A.	Do.	5,600	·120	·006	·114
4 A.	Do.	6,720	·146	·014	·132
4 A.	Do.	7,840	·188	·022	·166
4 A.	Do.	8,960	·269	·033	·236
6 A.	Chucxax	2,240	·084	·006	·078
6 A.	Do.	3,360	·123	·017	·106
6 A.	Do.	4,480	·194	·020	·174
8 A.	Pimento	2,240	·080	·004	·076
8 A.	Do.	3,360	·108	·010	·098
8 A.	Do.	4,480	·150	·020	·130

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	BRITISH HONDURAS.				
11 A.	Chucya	2,240	·088	·0	·088
11 A.	Do.	3,360	·130	·014	·116
11 A.	Do.	4,480	·201	·026	·175
13 A.	Bullet Wood	2,240	·068	·0	·068
13 A.	Do.	3,360	·093	·001	·092
13 A.	Do.	4,480	·118	·007	·111
13 A.	Do.	5,600	·166	·018	·148
13 B.	Do.	6,720	·262	·033	·229
14 A.	Tastab	2,240	·079	·001	·078
14 A.	Do.	3,360	·112	·016	·096
14 A.	Do.	4,480	·127	·028	·099
14 A.	Do.	5,600	·290	·050	·240
15 A.	Mabinjuh or Mabinjuj	2,240	·071	·0	·071
15 A.	Do.	3,360	·107	·004	·103
15 A.	Do.	4,480	·164	·015	·149
16 A.	Subin or Cubin	2,240	·087	·004	·083
16 A.	Do.	3,360	·138	·019	·119
16 A.	Do.	4,480	·242	·048	·194
17 A.	Sapodilla	2,240	·086	·004	·082
17 A.	Do.	3,360	·120	·010	·110
17 A.	Do.	4,480	·196	·028	·168
18 A.	Kas Kat	2,240	·117	·0	·117
18 A.	Do.	3,360	·233	·035	·198
21 A.	Caoutchouc	2,240	·087	·002	·085
21 A.	Do.	3,360	·115	·008	·107
21 A.	Do.	4,480	·146	·010	·136
21 A.	Do.	5,600	·186	·012	·174
21 A.	Do.	6,720	·242	·028	·214
21 B.	Do.	7,840	·277	·034	·243
21 C.	Do.	2,240	·090	·0	·090
21 C.	Do.	3,360	·117	·004	·113
21 C.	Do.	4,480	·156	·014	·142
21 C.	Do.	5,600	·222	·029	·193
22 C.	Yaxnic	2,240	·178	·030	·148
23 A.	Yaxnic or Yaxnig	2,240	·106	·013	·093
23 A.	Do.	3,360	·203	·035	·168
25 A.	Roble Blanco	2,240	·102	·002	·100
25 A.	Do.	3,360	·160	·022	·138
25 A.	Do.	4,480	·294	·042	·252
	CEYLON.				
	No experiments.				
	EAST INDIA.				
23 A.	Samak or Sumach	2,240	·132	·017	·115
30 B.	- - - - - -	2,240	·071	·009	·062
30 B.	- - - - - -	4,480	·180	·031	·149
30 C.	- - - - - -	2,240	·090	·009	·081
30 C.	- - - - - -	3,360	·128	·012	·116
30 C.	- - - - - -	4,480	·180	·024	·156
72 B.	- - - - - -	2,240	·167	·027	·140
72 C.	- - - - - -	2,240	·170	·029	·141
80 A.	- - - - - -	2,240	·065	·0	·065
80 A.	- - - - - -	3,360	·090	·004	·086
80 A.	- - - - - -	4,480	·127	·010	·117
86 B.	Woodunpas	2,240	·112	·034	·078
104 A.	- - - - - -	2,240	·070	·003	·067
104 A.	- - - - - -	4,480	·146	·016	·130
104 C.	- - - - - -	2,240	·073	·004	·069
104 C.	- - - - - -	3,360	·103	·008	·095
104 C.	- - - - - -	4,480	·142	·011	·131
104 C.	- - - - - -	5,600	·213	·022	·191
140 A.	Sandal Wood	2,240	·077	·009	·068
140 A.	Do.	4,480	·135	·014	·121
144 A.	Bengha	2,240	·086	·013	·073
145 A.	Bou	2,240	·090	·013	·077
147 A.	*Terruvah*	2,240	·070	·010	·060
147 A.	*Do.*	3,360	·100	·012	·088

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	EAST INDIA.				
147 A.	Terruvah	4,480	·133	·016	·117
147 A.	Do.	5,600	·176	·024	·152
185 A.	Blackwood	2,240	·086	·015	·071
185 A.	Do.	3,360	·117	·017	·100
185 A.	Do.	4,480	·153	·023	·130
1,214 A.	Doodhee	2,240	·159	·032	·127
1,215 A.	Karee	2,240	·142	·020	·122
1,219 A.	Toon	2,240	·157	·030	·127
1,220 A.	Unjun	2,240	·116	·008	·108
1,220 A.	Do.	4,480	·216	·021	·195
1,772 A.	Chump	2,240	·148	·042	·106
2,345 A.	Tenasserim Mahogany	2,240	·071	·017	·054
2,345 A.	Do.	3,360	—	—	—
2,345 A.	Do.	4,480	·123	·024	·099
2,345 A.	Do.	5,600	—	—	—
2,345 A.	Do.	6,720	·227	·048	·179
2,462 B.	Balay	2,240	·064	·018	·046
2,462 B.	Do.	3,360	—	—	—
2,462 B.	Do.	4,480	·109	·022	·087
2,462 B.	Do.	5,600	—	—	—
2,462 B.	Do.	6,720	·187	·028	·159
2,465 A.	Marabow	2,240	·075	·008	·067
2,465 A.	Do.	3,360	·104	·010	·094
2,468 A.	Pannaya	2,240	·045	·006	·039
2,468 A.	Do.	3,360	·068	·009	·059
2,468 A.	Do.	4,480	·079	·010	·069
2,468 A.	Do.	5,600	·094	·011	·083
2,468 A.	Do.	6,720	·115	·011	·104
2,468 A.	Do.	7,840	·140	·016	·124
2,470 A.	Klat Mera	2,240	·076	·020	·056
2,471 A.	Kasso	2,240	·048	·012	·036
2,471 A.	Do.	3,360	—	—	—
2,471 A.	Do.	4,480	·079	·017	·062
2,471 A.	Do.	5,600	—	—	—
2,471 A.	Do.	6,720	·133	·025	·108
2,474 A.	Brombony	2,240	·078	·010	·068
2,474 A.	Do.	3,360	·109	·014	·095
2,247 A.	Do.	4,480	·156	·023	·133
2,476 A.	Marsawa	2,240	·123	·062	·061
2,493 A.	Klaydang	2,240	·074	·015	·059
2,493 A.	Do.	4,480	·186	·040	·146
3,948 A.	Siris	2,240	·138	·008	·130
3,949 A.	Hurdoo	2,240	·117	·015	·102
3,950 A.	Kaim	2,240	·150	·034	·116
3,951 A.	Pindra	2,240	·148	·011	·137
3,952 A.	Jymungul	2,240	·091	·018	·073
3,952 A.	Do.	4,480	·212	·044	·168
3,953 A.	Rohnee	2,240	·143	·010	·133
3,953 A.	Do.	3,360	·203	·027	·176
3,953 A.	Do.	4,480	·330	·054	·276
3,954 A.	Londya	2,240	·142	·055	·087
3,955 A.	Kardahee	2,240	·117	·023	·094
3,956 A.	Taman	2,240	·111	·021	·090
3,957 A.	Tine, or Sissoo	2,240	·118	·025	·093
3,961 A.	Mowah	2,240	·097	·024	·073
3,961 A.	Do.	3,360	—	—	—
3,961 A.	Do.	4,480	·256	·075	·181
4,657 A.	Seba Sagoon, Teak	2,240	·125	·006	·119
4,659 A.	Doodheea Sagoon	2,240	—	—	—
4,659 A.	Do.	3,360	·179	·016	·163
4,660 A.	Surrye	2,240	·088	·013	·075
4,660 A.	Do.	3,360	—	—	—
4,660 A.	Do.	4,480	·205	·032	·173
4,661 A.	Jiomrassee	2,240	·082	·011	·071
4,661 A.	Do.	3,360	·131	·024	·107
4,662 A.	Dhengun	2,240	·089	·013	·076
4,662 A.	Do.	3,360	·139	·020	·119
4,662 A.	Do.	4,480	·240	·051	·189
4,663 A.	Saj	2,240	·191	·038	·153
4,664 A.	Beejah	2,240	·085	·015	·070
4,664 A.	Do.	3,360	·117	·015	·102
4,664 A.	Do.	4,480	·186	·051	·135

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	EAST INDIA.				
4,665 A.	Kowah	2,240	·103	·018	·085
4,665 A.	Do.	3,360	·179	·039	·140
4,665 A.	Do.	4,480	·347	·105	·242
4,666 A.	Ghattoo	2,240	·094	·007	·087
4,667 A.	Trosum	2,240	·145	·019	·126
4,668 A.	Dhowrah	2,240	·073	·008	·065
4,668 A.	Do.	3,360	—	—	—
4,668 A.	Do.	4,480	·142	·019	·123
4,671 A.	Baubul	2,240	·074	·0	·074
4,671 A.	Do.	3,360	·106	·001	·105
4,671 A.	Do.	4,480	·156	·015	·141
4,672 A.	Khumee	2,240	·182	·037	·145
4,754 A.	Iron Wood	2,240	·053	·006	·047
4,754 A.	Do.	3,360	—	—	—
4,754 A.	Do.	4,480	·094	·010	·084
4,754 A.	Do.	5,600	—	—	—
4,754 A.	Do.	6,720	·142	·011	·131
5,009 A.	Keehar	2,240	·070	·014	·056
5,009 A.	Do.	3,360	—	—	—
5,009 A.	Do.	4,480	·154	·027	·127
5,597 A.	Guringa	2,240	·116	·019	·097
5,598 A.	Sâl	2,240	·064	·011	·053
5,598 A.	Do.	3,360	·090	·014	·076
5,598 A.	Do.	4,480	·118	·018	·100
5,598 A.	Do.	5,600	·173	·031	·142
5,598 A.	Do.	6,720	·338	·087	·251
5,599 A.	Teak Sagoon	2,240	·116	·045	·071
5,599 A.	Do.	3,360	·195	·057	·138
5,600 A.	Sissoo, Black	2,240	·068	·005	·063
5,600 A.	Do.	3,360	·096	·007	·089
5,600 A.	Do.	4,480	·123	·011	·112
5,600 A.	Do.	5,600	·151	·018	·133
5,600 A.	Do.	6,720	·238	·040	·198
5,601 A.	Burdur	2,240	·074	·014	·060
5,601 A.	Do.	3,360	—	—	—
5,601 A.	Do.	4,480	·166	·029	·137
5,602 A.	Abloos, or Kândoo	2,240	·088	·0	·088
5,602 A.	Do.	3,360	·133	·009	·124
5,602 A.	Do.	4,480	·199	·031	·168
5,603 A.		2,240	·228	·050	·178
5,604 A.	Gumbarce	2,240	·134	·035	·099
5,604 A.	Do.	3,360	·245	·065	·180
5,606 A.	Red Sissoo	2,240	·076	·018	·058
5,606 A.	Do.	3,360	—	—	—
5,606 A.	Do.	4,480	·152	·026	·126
5,607 A.	Peasal	2,240	·085	·050	·035
5,607 A.	Do.	3,360	·169	·063	·106
5,607 A.	Do.	4,480	·195	·077	·118
5,608 A.	Koozoona	2,240	·097	·016	·081
5,609 A.	Keehar	2,240	·070	·014	·056
5,609 A.	Do.	3,360	—	—	—
5,609 A.	Do.	4,480	·154	·027	·127
5,610 A.	Koozoom	2,240	·100	·008	·092
5,610 A.	Do.	3,360	—	—	—
5,610 A.	Do.	4,480	·200	·032	·168
6,542 A.	Assân	2,240	·079	·005	·074
6,542 A.	Do.	3,360	·124	·015	·109
6,542 A.	Do.	4,480	·227	·059	·168
6,545 A.		2,240	·168	·038	·130
6,547 A.		2,240	·110	·022	·088
6,548 A.		2,240	·085	·022	·063
6,548 A.		3,360	·164	·034	·130
6,549 A.		2,240	·181	·022	·159
6,550 A.		2,240	·086	·003	·083
6,550 A.		3,360	·145	·015	·130
6,551 A.		2,240	·107	·023	·084
7,065 A.	Gaham Bada	2,240	·113	·002	·111
7,065 A.	Do.	3,360	·178	·015	·163
7,065 A.	Do.	4,480	·303	·044	·259
7,066 A.	Rungas	2,240	·111	·007	·104
7,066 A.	Do.	3,360	·172	·020	·152
7,067 A.	Bia Babi	2,240	·065	·0	·065
7,067 A.	Do.	3,360	·100	·001	·099

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	EAST INDIA.				
7,067 A.	Bia Babi	4,480	·157	·010	·147
7,067 A.	Do.	5,600	·260	·035	·225
7,071 A.	Murbow	2,240	·063	·0	·063
7,071 A.	Do.	3,360	·096	·0	·096
7,072 A.	Klat	2,240	·092	·009	·083
7,072 A.	Do.	3,360	·169	·026	·143
7,075 A.	Jermalang	2,240	·127	·002	·125
7,077 A.	Sittola	2,240	·176	·025	·151
7,086	Dammer-laut	2,240	·069	·0	·069
7,086	Do.	3,360	·091	·0	·091
7,086	Do.	4,480	·135	·010	·125
7,086	Do.	5,600	·235	·036	·199
7,089 A.	Bintaling	2,240	·066	·0	·066
7,089 A.	Do.	3,360	·091	·006	·085
7,090 A.	Kumpas	2,240	·064	·004	·060
7,090 A.	Do.	3,360	·110	·020	·090
7,090 A.	Do.	4,480	·261	·068	·193
7,092 A.	Madang-Serai	2,240	·086	·005	·081
7,092 A.	Do.	3,360	·154	·017	·137
7,093 A.	Gading-gading	2,240	·070	·0	·070
7,093 A.	Do.	3,360	·090	·0	·090
7,093 A.	Do.	4,480	·113	·007	·106
7,093 A.	Do.	5,600	·148	·015	·133
7,093 A.	Do.	6,720	·216	·032	·184
7,234 B.	- -	2,240	·162	·025	·137
7,514 A.	Sakhoo	2,240	·100	·013	·087
7,514 B.	Do.	2,240	·091	·0	·091
7,514 B.	Do.	3,360	·138	·003	·135
7,515 A.	- -	2,240	·156	·021	·135
7,517 A.	Toon	2,240	·130	·014	·116
7,520 A.	- -	2,240	·094	·016	·078
7,524 A.	Kaitha	2,240	·152	·018	·134
7,529 A.	Asna, or Asan	2,240	·085	·017	·068
7,529 A.	Do.	3,360	·142	·027	·115
7,529 A.	Do.	4,480	·262	·069	·193
7,531 A.	- -	2,240	·088	·017	·071
7,618 B.	Thin Gan	2,240	·129	·011	·118
7,619 B.	Ah Nan	2,240	·195	·050	·145
7,622 B.	Oak An	2,240	·081	·008	·073
7,622 D.	Do.	2,240	·090	·013	·077
7,622 D.	Do.	3,360	—	—	—
7,622 D.	Do.	4,480	·218	·027	·191
7,629 A.	Bom Mai Za	2,240	·112	·005	·107
7,629 B.	Do.	2,240	—	—	—
7,629 B.	Do.	3,360	—	—	—
7,629 B.	Do.	4,480	—	—	—
7,629 B.	Do.	5,600	·150	·010	·140
7,629 B.	Do.	6,720	·198	·016	·182
7,665 A.	Dhane Eha	2,240	·157	·017	·140
7,674 A.	Touk Tsa	2,240	·136	·010	·126
7,674 B.	Do.	2,240	·172	·039	·133
7,677 A.	Tseek Tha	2,240	·116	·022	·094
9,238 A.	- -	2,240	·135	·006	·129
9,240 A.	Brangan	2,240	·123	·020	·103
9,247 A.	- -	2,240	·146	·014	·132
10,226 A.	Sissoo	2,240	·078	·006	·072
10,226 A.	Do.	3,360	·117	·010	·107
10,226 A.	Do.	4,480	·189	·032	·157
10,348 A.	Petwoon	2,240	·075	·015	·060
10,348 A.	Do.	3,360	·106	·020	·086
10,348 A.	Do.	4,480	·144	·031	·113
10,348 A.	Do.	5,600	·202	·052	·150
10,349 A.	Dwa Nee	2,240	·094	·018	·076
10,349 A.	Do.	3,360	·150	·025	·125
10,349 A.	Do.	4,480	·195	·029	·166
10,352 A.	Eng	2,240	·069	·003	·066
10,352 A.	Do.	3,360	·099	·012	·087
10,352 A.	Do.	4,480	·142	·023	·119
10,352 A.	Do.	5,600	·218	·043	·175
10,354 B.	Thin Gan	2,240	·083	·014	·069
10,355 B.	Thingadoe	2,240	·092	·018	·074
10,355 B.	Do.	3,360	—	—	—
10,355 B.	Do.	4,480	·315	·066	·249
10,356 B.	Engyin	2,240	·080	·020	·060

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	EAST INDIA.				
10,356 B.	Engyin	3,360	—	—	—
10,356 B.	Do.	4,480	·198	·040	·158
10,357 A.	Theya	2,240	·067	·016	·051
10,357 A.	Do.	3,360	—	—	—
10,357 A.	Do.	4,480	·120	·022	·098
10,358 A.	Gangan	2,240	·069	·002	·067
10,358 A.	Do.	3,360	—	—	—
10,358 A.	Do.	4,480	·105	·007	·098
10,358 A.	Do.	5,600	—	—	—
10,358 A.	Do.	6,720	·180	·022	·158
10,358 B.	Do.	6,720	·152	·010	·142
10,358 B.	Do.	7,840	·213	·033	·180
10,359 A.	Do.	2,240	·066	·0	·066
10,359 A.	Do.	3,360	·102	·0	·102
10,361 B.	Poonyet	2,240	·134	·010	·124
10,362 B.	Gyo	2,240	·102	·014	·088
10,362 B.	Do.	3,360	·193	·034	·159
10,364 A.	Pinlay-oong	2,240	·100	·020	·080
10,367 A.	Boomayza	2,240	·068	·002	·066
10,367 A.	Do.	3,360	·091	·004	·087
10,367 A.	Do.	4,480	·127	·010	·117
10,367 A.	Do.	5,600	·171	·024	·147
10,373 A.	Gnoo-shwoay?	2,240	·057	·0	·057
10,373 A.	Do.	3,360	·076	·001	·075
10,373 A.	Do.	4,480	·098	·003	·095
10,373 A.	Do.	5,600	·122	·004	·118
10,375 A.	May-za-lee	2,240	·100	·0	·100
10,375 A.	Do.	3,360	·160	·008	·152
10,376 A.	Yin-dike	2,240	·074	·005	·069
10,376 A.	Do.	3,360	·106	·010	·096
10,376 A.	Do.	4,480	·148	·010	·138
10,376 A.	Do.	5,600	·211	·036	·175
10,379 A.	Padouk	2,240	·046	·0	·046
10,379 A.	Do.	3,360	·065	·0	·065
10,379 A.	Do.	4,480	·087	·0	·087
10,379 A.	Do.	5,600	·120	·007	·113
10,379 A.	Do.	6,720	·172	·019	·153
10,380 A.	Kokoh	2,240	—	—	—
10,380 A.	Do.	3,360	·164	·014	·150
10,382 A.	Poukthenmanyek Kyouk	2,240	·066	·014	·052
10,382 A.	Do.	3,360	—	—	—
10,382 A.	Do.	4,480	·162	·039	·123
10,384 A.	Thitsee	2,240	·083	·017	·066
10,384 A.	Do.	3,360	—	—	—
10,384 A.	Do.	4,480	·188	·032	·156
10,388 B.	Pangah	2,240	·066	·016	·050
10,388 B.	Do.	3,360	—	—	—
10,388 B.	Do.	4,480	·124	·019	·105
10,390 A.	Htoukgyan	2,240	·055	·0	·055
10,390 A.	Do.	3,360	·078	·0	·078
10,390 A.	Do.	4,480	·130	·011	·119
10,390 A.	Do.	5,600	·181	·016	·165
10,393 A.	Bamboney	2,240	·071	·0	·071
10,393 A.	Do.	3,360	·116	·008	·108
10,394 A.	Thabyehgjo	2,240	·071	·003	·068
10,394 A.	Do.	3,360	·140	·020	·120
10,397 A.	Thabyehgah	2,240	·074	·015	·059
10,397 A.	Do.	4,480	·154	·027	·127
10,399 A.	Laizah	2,240	·075	·001	·074
10,399 A.	Do.	3,360	·133	·009	·124
10,399 A.	Do.	4,480	·148	·053	·095
10,405 B.	Hnan	2,240	·106	·016	·090
10,406 B.	Bingahe	2,240	·080	·0	·080
10,406 B.	Do.	3,360	—	—	—
10,406 B.	Do.	4,480	·172	·024	·148
10,409 A.	Htein	2,240	·073	·0	·073
10,410 A.	Htoingalah	2,240	·051	·0	·051
10,410 A.	Do.	3,360	·076	·0	·076
10,410 A.	Do.	4,480	·105	·0	·105
10,410 A.	Do.	5,600	·144	·002	·142
10,410 A.	Do.	6,720	·201	·022	·179
10,415 A.	Khaboung	2,240	·257	·050	·207
10,416 A.	Toung-za-lat	2,240	·014	·0	·014
10,416 A.	Do.	3,360	·100	·008	·092

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	EAST INDIA.				
10,416 A.	Toung-za-lat	4,480	·215	·024	·191
10,417 A.	Paet-than	2,240	·102	·0	·102
10,417 A.	Do.	3,360	·162	·008	·154
10,417 A.	Do.	4,480	·277	·050	·227
10,419 B.	Tha-khoot-ma	2,240	·178	·033	·145
10,420 B.	Than-day	2,240	·082	·020	·062
10,420 B.	Do.	3,360	—	—	—
10,420 B.	Do.	4,480	·208	·040	·168
10,426 A.	Kuyon Teak	2,240	—	—	—
10,426 A.	Do.	3,360	·240	·035	·205
10,426 B.	Do.	2,240	·096	·0	·096
10,426 B.	Do.	3,360	·204	·020	·184
10,427 B.	Yemaneh	2,240	·163	·020	·143
10,430 A. and C.	Tounbien	2,240	·131	·011	·120
10,430 A.	Do.	2,240	·179	·032	·147
10,430 B.	Do.	2,240	·202	·051	·151
10,434 A.	Theetmin	2,240	·089	·020	·069
10,434 A.	Do.	3,360	—	—	—
10,434 A.	Do.	4,480	·200	·034	·166
10,435 A.	Tinyooben	2,240	·149	·022	·127
10,438 B.	Nasha	2,240	·164	·040	·124
10,440 A.	Baman	2,240	·048	·0	·048
10,440 A.	Do.	3,360	·068	·0	·068
10,440 A.	Do.	4,480	·097	·0	·097
10,440 A.	Do.	5,600	·138	·004	·134
10,475 A.B.	Manee Auka	2,240	·108	·012	·096
10,475 A.B.	Do.	3,360	—	—	—
10,475 A.B.	Do.	4,480	·259	·036	·223
10,476 A.	Ngoo Tha	2,240	·096	·0	·096
10,476 C.	Do.	2,240	·115	·011	·104
10,476 C.	Do.	3,360	·226	·028	·198
10,477 A.	Kay Yoob	2,240	·054	·0	·054
10,477 A.	Do.	3,360	·080	·0	·080
10,477 A.	Do.	4,480	·112	·001	·111
10,477 A.	Do.	5,600	·162	·015	·147
10,477 A.	Do.	6,720	·269	·046	·223
10,477 C.	Do.	2,240	·063	·0	·063
10,477 C.	Do.	3,360	·095	·007	·088
10,477 C.	Do.	4,480	·145	·010	·135
10,477 C.	Do.	5,600	·247	·035	·212
10,478 A.	Nat Gyee	2,240	·060	·0	·060
10,478 A.	Do.	3,360	—	—	—
10,478 A.	Do.	4,480	·138	·0	·138
10,478 A.	Do.	5,600	—	—	—
10,478 A.	Do.	6,720	·287	·040	·247
10,478 C.	Do.	2,240	·076	·009	·067
10,478 C.	Do.	3,360	·110	·013	·097
10,478 C.	Do.	4,480	·152	·018	·134
10,478 C.	Do.	5,600	·208	·026	·182
10,482 B.	Pune Tha	2,240	·073	·011	·062
10,482 B.	Do.	3,360	—	—	—
10,482 B.	Do.	4,480	·165	·022	·143
10,485 A.	Padouk	2,240	·052	·0	·052
10,485 A.	Do.	3,360	·073	·0	·073
10,485 A.	Do.	4,480	·100	·003	·097
10,485 A.	Do.	5,600	·142	·012	·130
10,485 C.	Do.	2,240	·083	·013	·070
10,485 C.	Do.	3,360	·118	·018	·100
10,485 C.	Do.	4,480	·168	·024	·144
10,489 B.	Kya Ya	2,240	·076	·018	·058
10,489 B.	Do.	3,360	—	—	—
10,489 B.	Do.	4,480	·167	·031	·136
10,491 A.	Zangyecoat-doup	2,240	·051	·0	·051
10,491 A.	Do.	3,360	·076	·0	·076
10,491 A.	Do.	4,480	·132	·006	·126
Da.		2,240	·121	·033	·088
Da.		3,360	·230	·070	·160

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	HUNGARY.				
	No experiments.				
	JAMAICA.				
160 A.	White Lance Wood	2,240	·084	·012	·072
160 A.	Do.	3,360	·110	·015	·095
160 A.	Do.	4,480	·142	·020	·122
160 A.	Do.	5,600	·191	·030	·161
160 A.	Do.	6,720	·265	·046	·219
164 A.	Blood or Iron Wood	2,240	·113	·006	·107
164 A.	Do.	3,360	·175	·028	·147
164 C.	Do.	2,240	·094	·009	·085
164 C.	Do.	3,360	·166	·022	·144
169 A.	Red Wood	2,240	·070	·0	·070
169 A.	Do.	3,360	·098	·0	·098
169 A.	Do.	4,480	·150	·009	·141
169 C.	- -	2,240	·092	·007	·085
169 C.	- -	3,360	·140	·018	·122
169 C.	- -	4,480	·252	·040	·212
189 A.	Jack Fruit	2,240	·116	·0	·116
189 B.	Do.	2,240	—	—	—
189 B.	Do.	3,360	·213	·033	·180
189 C.	Do.	2,240	·343	·050	·293
201 A	Red Candle Wood	2,240	·076	·0	·076
201 A.	Do.	3,360	·104	·0	·104
201 A.	Do.	4,480	·140	·005	·135
201 A.	Do.	5,600	·201	·018	·183
201 C.	Do.	2,240	·084	·014	·070
201 C.	Do.	3,360	·120	·025	·095
201 C.	Do.	4,480	·172	·036	·136
201 C.	Do.	5,600	·240	·056	·184
210 A.	Botanical name, Casuarina equisetifolia.	2,240	·067	·0	·067
210 A.	Do.	3,360	·092	·0	·092
210 A.	Do.	4,480	·121	·0	·121
210 C.	Do.	2,240	·082	·0	·082
210 C.	Do.	3,360	·105	·002	·103
210 C.	Do.	4,480	·152	·021	·131
212 A.	Jamaica Ebony, Black Heart var.	2,240	·060	·0	·060
212 A.	Do.	3,360	·080	·0	·080
212 A.	Do.	4,480	·102	·001	·101
212 A.	Do.	5,600	·122	·002	·120
212 A.	Do.	6,720	·153	·006	·147
212 A.	Do.	7,840	·186	·011	·175
216 A.	Dog Wood	2,240	·074	·001	·073
216 A.	Do.	3,360	·102	·003	·099
216 A.	Do.	4,480	·128	·005	·123
216 A.	Do.	5,600	·165	·011	·154
216 C.	Do.	2,240	·068	·0	·068
216 C.	Do.	3,360	·089	·0	·089
216 C.	Do.	4,480	·111	·002	·109
216 C.	Do.	5,600	·136	·003	·133
216 C.	Do.	6,720	·169	·008	·161
218 A.	Do.	2,240	·087	·007	·080
218 A.	Do.	3,360	·127	·013	·114
218 A.	Do.	4,480	·193	·024	·169
223 A.	Brazilctto	2,240	·064	·0	·064
223 A.	Do.	3,360	·085	·0	·085
223 A.	Do.	4,480	·110	·004	·106
223 A.	Do.	5,600	·138	·013	·125
223 A.	Do.	6,720	·164	·018	·146
223 C.	Do.	2,240	·060	·0	·060
223 C.	Do.	3,360	·078	·0	·078
223 C.	Do.	4,480	·097	·003	·094
223 C.	Do.	5,600	·125	·007	·118
228 A.	Yellow Candle Wood	2,240	·068	·0	·068
228 A.	Do.	3,360	·091	·0	·091
228 A.	Do.	4,480	·121	·004	·117
228 A.	Do.	5,600	·154	·015	·139
228 A.	Do.	6,720	·219	·027	·192
234 A.	*Santa Maria*	2,240	·140	·032	·108

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	JAMAICA.				
236 A.	South American Acacia, showing the bark.	2,240	·216	·046	·170
252 A.	White Mangrove	2,240	·103	·007	·096
252 A.	Do.	3,360	·153	·018	·135
252 A.	Do.	4,480	·282	·039	·243
252 C.	Do.	2,240	·132	·024	·108
267 A.	White Bully Tree	2,240	·071	·004	·067
267 A.	Do.	3,360	·099	·006	·093
267 A.	Do.	4,480	·133	·010	·123
267 A.	Do.	5,600	·190	·018	·172
267 C.	Do.	2,240	·070	·0	·070
267 C.	Do.	3,360	·099	·006	·093
267 C.	Do.	4,480	·140	·014	·126
284 A.	Tecoma stans	2,240	·088	·012	·076
284 A.	Do.	3,360	·119	·019	·100
297 A.	Red Heart	2,240	·065	·0	·065
297 A.	Do.	3,360	·083	·0	·083
297 A.	Do.	4,480	·102	·0	·102
297 A.	Do.	5,600	·124	·002	·122
297 A.	Do.	6,720	·153	·006	·147
297 A.	Do.	7,840	·199	·015	·184
297 C.	Do.	2,240	·060	·0	·060
297 C.	Do.	3,360	·070	·0	·070
297 C.	Do.	4,480	·097	·006	·091
297 C.	Do.	5,600	·124	·010	·114
297 C.	Do.	6,720	·164	·015	·149
297 C.	Do.	7,840	·223	·020	·203
312 Ca.	Section of Cocoa Nut	2,210	—	—	—
312 Ca.	Do.	3,360	·108	·0	·108
319 Aa.	Do.	2,240	·072	·004	·068
319 Aa.	Do.	3,360	·096	·006	·090
319 Aa.	Do.	4,480	·122	·009	·113
319 Ba.	Do.	2,240	·066	·007	·059
319 Ba.	Do.	3,360	·090	·012	·078
319 Ba.	Do.	4,480	·134	·020	·114
319 Ba.	Do.	5,600	·221	·041	·180
319 Bc.	Do.	2,240	·072	·006	·066
319 Bc.	Do.	3,360	·110	·011	·099
319 Bc.	Do.	4,480	·176	·030	·146
319 Ca.	Do.	2,240	·080	·0	·080
319 Ca.	Do.	3,360	—	—	—
319 Ca.	Do.	4,480	·144	·004	·140
319 Ca.	Do.	5,600	·193	·014	·179
319 Ea.	Do.	2,240	·068	·0	·068
319 Ea.	Do.	3,360	·090	·0	·090
319 Ea.	Do.	4,480	·114	·0	·114
319 Ea.	Do.	5,600	·146	·002	·144
319 Ea.	Do.	6,720	·190	·007	·183
320 A.	Yoke Wood	2,240	·121	·014	·107
320 A.	Do.	3,360	·226	·032	·194
326 A.	Red Wood	2,240	·086	·019	·065
326 A.	Do.	3,360	·135	·026	·109
326 A.	Do.	4,480	·214	·041	·173
328 A.	Black Bullet Tree	2,240	·072	·006	·066
328 A.	Do.	3,360	·106	·014	·092
328 A.	Do.	4,480	·142	·019	·123
328 A.	Do.	5,600	·193	·030	·163
332 A.	Hog Berry	2,240	·097	·006	·091
332 A.	Do.	3,360	·146	·016	·130
332 A.	Do.	4,480	·309	·058	·251
332 C.	Do.	2,240	·090	·006	·084
332 C.	Do.	3,360	·140	·015	·125
332 C.	Do.	4,480	·248	·040	·208
338 A.	Spanish Elm	2,240	·082	·0	·082
338 A.	Do.	3,360	·111	·001	·110
338 A.	Do.	4,480	·158	·014	·144
338 A.	Do.	5,600	·244	·026	·218
338 C.	Do.	2,240	·092	·005	·087
338 C.	Do.	3,360	·126	·009	·115
338 C.	Do.	4,480	·184	·018	·166
339 A.	Naseberry Bullet Tree	2,240	·060	·0	·060
339 A.	Do.	3,360	·073	·002	·071

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	JAMAICA.				
339 A.	Naseberry Bullet Tree	4,480	·092	·009	·083
339 A.	Do.	5,600	·120	·014	·106
339 A.	Do.	6,720	·159	·020	·139
339 A.	Do.	7,840	·214	·030	·184
339 C.	Do.	2,240	·068	·006	·062
339 C.	Do.	3,360	·090	·009	·081
339 C.	Do.	4,480	·112	·011	·101
339 C.	Do.	5,600	·143	·016	·127
339 C.	Do.	6,720	·192	·026	·166
341 A.	Iron Wood	2,240	·065	·0	·065
341 A.	Do.	3,360	·088	·0	·088
341 A.	Do.	4,480	·112	·0	·112
341 A.	Do.	5,600	·139	·004	·135
343 A.	Cassada Wood	2,240	·116	·026	·090
343 C.		2,240	·124	·030	·094
345 A.	Wild Orange	2,240	·052	·0	·052
345 A.	Do.	3,360	.069	·0	·069
345 A.	Do.	4,480	·087	·0	·087
345 B.	Do.	2,240	·047	·0	·047
345 B.	Do.	3,360	·063	·0	·063
345 B.	Do.	4,480	·080	·0	·080
345 B.	Do.	5,600	·102	·001	·101
345 B.	Do.	6,720	·128	·008	·120
345 B.	Do.	7,840	·174	·016	·158
350 A.	Green Heart	2,240	·058	·0	·058
350 A.	Do.	3,360	·080	·0	·080
350 A.	Do.	4,480	·104	·004	·100
350 A.	Do.	5,600	·134	·011	·123
350 A.	Do.	6,720	·182	·021	·161
351 A.	Musk Wood	2,240	·107	·008	·099
351 A.	Do.	3,360	·187	·028	·159
351 A.	Do.	4,480	·409	·120	·289
354 A.	Sweet Wood	2,240	·068	·001	·067
354 A.	Do.	3,360	·098	·006	·092
354 A.	Do.	4,480	·156	·020	·136
355 A.	Black Rosewood	2,240	·072	·0	·072
355 A.	Do.	3,360	·091	·0	·091
355 A.	Do.	4,480	·117	·007	·110
355 A.	Do.	5,600	·149	·009	·140
355 A.	Do.	6,720	·198	·028	·170
355 A.	Do.	7,840	·273	·047	·226
355 A.	Do.	8,960	·430	·090	·340
358 A.	White Rosewood	2,240	·055	·0	·055
358 A.	Do.	3,360	·074	·004	·070
358 A.	Do.	4,480	·094	·010	·084
358 A.	Do.	5,600	·133	·019	·114
358 A.	Do.	6,720	·182	·033	·149
358 C.	Do.	2,240	·052	·0	·052
358 C.	Do.	3,360	·070	·001	·069
358 C.	Do.	4,480	·089	·006	·083
358 C.	Do.	5,600	·118	·010	·108
358 C.	Do.	6,720	·168	·020	·148
358 C.	Do.	7,840	·294	·050	·244
363 A.	Beech Wood	2,240	·082	·0	·082
363 A.	Do.	3,360	·122	·008	·114
363 A.	Do.	4,480	·189	·024	·165
363 A.	Do.	5,600	·354	·071	·283
365 A.	Wild Cinnamon	2,240	·132	·021	·111
365 A.	Do.	3,360	·415	·094	·321
367 A.	White Cedar	2,240	·215	·046	·169
371 A.	White Torch	2,240	·070	·0	·070
371 A.	Do.	3,360	·093	·0	·093
371 A.	Do.	4,480	·128	·004	·124
371 A.	Do.	5,600	·174	·013	·161
371 B.	Do.	2,240	·076	·0	·076
371 B.	Do.	3,360	·108	·0	·108
371 B.	Do.	4,480	·152	·002	·150
372 A.	Beef Apple	2,240	·093	·009	·084
372 A.	Do.	3,360	·131	·020	·111
372 A.	Do.	4,480	·202	·039	·163
376 A.	Blood Red Wood, or Black Mahogany.	2,240	·094	·012	·082
376 A.	Do.	3,360	·161	·027	·134

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	JAMAICA.				
376 B.	Blood Red Wood, or Black Mahogany.	2,240	·091	·0	·091
376 B.	Do.	3,360	·150	·0	·150
376 B.	Do.	4,480	·280	·058	·222
378 A.	Wild Fig Tree	2,240	·188	·040	·148
384 A.	Black Mahogany, or Blood Red Wood.	2,240	·083	·0	·083
384 A.	Do.	3,360	·147	·016	·131
384 C.	Do.	2,240	·089	·0	·089
384 C.	Do.	3,360	·151	·007	·144
407 A.	Star Apple	2,240	·071	·006	·065
407 A.	Do.	3,360	·100	·012	·088
407 A.	Do.	4,480	·145	·018	·127
407 A.	Do.	5,600	·204	·029	·175
	LIBERIA.				
7 A.		2,240	·112	·014	·098
7 A.		3,360	·184	·012	·172
7 C.		2,240	·131	·022	·109
7 C.		3,360	·292	·075	·217
10 A.		2,240	·062	·0	·062
10 A.		3,360	·085	·0	·085
10 A.		4,480	·115	·005	·110
10 A.		5,600	·149	·010	·139
10 C.		2,240	·058	·0	·058
10 C.		3,360	·080	·0	·080
10 C.		4,480	·104	·0	·104
10 C.		5,600	·129	·0	·129
11 A.		2,240	·062	·0	·062
11 A.		3,360	·077	·0	·077
11 A.		4,480	·096	·004	·092
11 A.		5,600	·122	·017	·105
11 A.		6,720	·165	·024	·141
11 C.		4,480	·119	·015	·104
11 C.		5,600	·155	·023	·132
15 A.	Cherry	2,240	·097	·009	·088
15 A.	Do.	3,360	·139	·017	·122
15 C.	Do.	2,240	·089	·003	·086
15 C.	Do.	3,360	·149	·015	·134
15 D.	Do.	2,240	·212	·022	·190
16 A.	Do.	2,240	·144	·010	·134
16 A.	Do.	3,360	·236	·022	·214
17 A.	Brimstone	2,240	·083	·0	·083
17 A.	Do.	3,360	·129	·0	·129
18 A.	Boxwood	2,240	·066	·001	·065
18 A.	Do.	3,360	·090	·003	·087
18 A.	Do.	4,480	·113	·006	·107
18 A.	Do.	5,600	·152	·016	·136
18 A.	Do.	6,720	·213	·022	·191
19 B.	Cedar	2,240	·163	·026	·137
20 A.	Iron Wood	2,240	·072	·0	·072
20 A.	Do.	3,360	·098	·0	·098
20 A.	Do.	4,480	·129	·006	·123
20 A.	Do.	5,600	·170	·012	·158
20 C.	Do.	2,240	·078	·002	·076
20 C.	Do.	3,360	·102	·005	·097
20 C.	Do.	4,480	·131	·007	·124
20 C.	Do.	5,600	·183	·016	·167
20 Aa.	Mahogany	2,240	·144	·028	·116
20 Ac.	Do.	2,240	·166	·025	·141
21 A.	Black Oak	2,240	·095	·0	·095
21 A.	Do.	3,360	·174	·012	·162
21 C.	Do.	2,240	·107	·017	·090
21 C.	Do.	3,360	·174	·040	·134
22 A.	Mahogany	2,240	·108	·006	·102
22 A.	Do.	3,360	·190	·032	·158
22 C.	Do.	2,240	·140	·017	·123
58 A.		2,240	·086	·005	·081
58 A.		3,360	·120	·013	·107
58 A.		4,480	·182	·016	·166

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	NEW SOUTH WALES (NORTH).				
3 A.	Toorie	2,240	·066	·002	·064
3 A.	Do.	3,360	·100	·008	·092
3 A.	Do.	4,480	·186	·032	·154
3 C.	Do.	2,240	·056	·0	·056
3 C.	Do.	3,360	·083	·0	·083
3 C.	Do.	4,480	·141	·014	·127
4 A.	- - - - - -	2,240	·068	·004	·064
4 A.	- - - - - -	3,360	·114	·020	·094
5 A.	Bastard or White Box	2,240	·072	·004	·068
5 A.	Do.	3,360	·101	·009	·092
5 A.	Do.	4,480	·146	·021	·125
5 C.	Do.	2,240	·087	·002	·085
5 C.	Do.	3,360	·128	·010	·118
5 C.	Do.	4,480	·206	·032	·174
6 A.	Red Box	2,240	·136	·016	·120
6 A.	Do.	3,360	·250	·043	·207
6 C.	Do.	2,240	·107	·006	·101
6 C.	Do.	3,360	·181	·020	·161
7 A.	Buranna	2,240	·137	·003	·134
10 A.	Box of Illawarra	2,240	·092	·008	·084
10 A.	Do.	3,360	·152	·023	·129
13 A.	Wobul	2,240	·069	·0	·069
13 A.	Do.	3,360	·096	·0	·096
13 A.	Do.	4,480	·128	·005	·123
13 A.	Do.	5,600	·212	·032	·180
14 A.	- - - - - -	2,240	·074	·005	·069
14 A.	- - - - - -	3,360	·108	·010	·098
14 A.	- - - - - -	4,480	·174	·022	·152
15 A.	Moreton Bay Pine	2,240	·163	·045	·118
15 D.	Do.	2,240	·161	·042	·119
17 A.	- - - - - -	2,240	·094	·006	·088
17 A.	- - - - - -	3,360	·204	·036	·168
19 A.	Cherry	2,240	·169	·018	·151
21 A.	- - - - - -	2,240	·072	·002	·070
21 A.	- - - - - -	3,360	·100	·007	·093
21 A.	- - - - - -	4,480	·136	·011	·125
21 A.	- - - - - -	5,600	·170	·018	·152
22 B.	- - - - - -	2,240	·142	·024	·118
22 D.	- - - - - -	2,240	·222	·045	·177
23 A.	- - - - - -	2,240	·085	·0	·085
23 A.	- - - - - -	3,360	·136	·008	·128
23 C.	- - - - - -	2,240	·098	·004	·094
23 C.	- - - - - -	3,360	·163	·018	·145
24 A.	Ash, Beech, and Flindosa	2,240	·064	·0	·064
24 A.	Do.	3,360	·093	·005	·088
24 A.	Do.	4,480	·154	·019	·135
24 C.	Do.	2,240	·088	·008	·080
24 C.	Do.	3,360	·145	·019	·126
24 C.	Do.	4,480	·138	·020	·118
25 A.	- - - - - -	2,240	·090	·007	·083
25 C.	- - - - - -	2,240	·108	·016	·092
26 A.	Cherry of the Clarence	2,240	·106	·016	·090
26 A.	Do.	3,360	·189	·042	·147
27 A.	Native Tamarind	2,240	·067	·001	·066
27 A.	Do.	3,360	·180	·009	·171
27 A.	Do.	4,480	·199	·037	·162
27 C.	Do.	2,240	·087	·008	·079
27 C.	Do.	3,360	·142	·023	·119
28 A.	Native Plum	2,240	·064	·010	·054
28 A.	Do.	3,360	·086	·015	·071
28 A.	Do.	4,480	·118	·019	·099
28 A.	Do.	5,600	·155	·026	·129
28 A.	Do.	6,720	·246	·046	·200
28 C.	Do.	2,240	·070	·001	·069
28 C.	Do.	3,360	·100	·003	·097
28 C.	Do.	4,480	·148	·015	·133
28 C.	Do.	5,600	·244	·029	·215
28 C.	Do.	6,720	·232	·030	·202
35 A.	- - - - - -	2,240	·223	·050	·173
36 A.	- - - - - -	2,240	·066	·004	·062
36 A.	- - - - - -	3,360	·082	·007	·075
36 A.	- - - - - -	4,480	·135	·017	·118
36 A.	- - - - - -	5,600	·234	·050	·184

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	NEW SOUTH WALES (NORTH).				
40 A.	Urocbie	2,240	·066	·0	·066
40 A.	Do.	3,360	·096	·004	·092
40 A.	Do.	4,480	·101	·006	·095
40 A.	Do.	5,600	·147	·014	·133
40 A.	Do.	6,720	·298	·048	·250
40 C.	Do.	2,240	·072	·002	·070
40 C.	Do.	3,360	·101	·005	·096
40 C.	Do.	4,480	·136	·010	·126
40 C.	Do.	5,600	·187	·022	·165
40 C.	Do.	6,720	·310	·060	·250
43 A.	Bat Ball, Native Orange, Native Pomegranate.	2,240	·073	·0	·073
43 A.	Do.	3,360	·110	·007	·103
43 A.	Do.	4,480	·179	·027	·152
44 A.	Black Myrtle	2,240	·080	·006	·074
44 A.	Do.	3,363	·141	·024	·117
45 A.	- - - - - -	2,240	·121	·008	·113
45 A.	- - - - - -	3,360	·130	·007	·123
47 A.	Rosewood	2,240	·071	·0	·071
47 A.	Do.	3,360	·107	·002	·105
47 A.	Do.	4,480	·165	·020	·145
47 C.	Do.	2,240	·073	·003	·070
47 C.	Do.	3,360	·115	·010	·105
47 C.	Do.	4,480	·167	·018	·149
51 A.	Pencil Cedar, Turnip Wood	2,240	·076	·004	·072
51 A.	Do.	3,360	·114	·014	·100
51 C.	Do.	2,240	·096	·0	·096
51 C.	Do.	3,360	·149	·012	·137
51 C.	Do.	4,480	·177	·021	·156
53 A.	- - - - - -	2,240	·076	·0	·076
53 A.	- - - - - -	3,360	·110	·003	·107
53 A.	- - - - - -	4,480	·171	·013	·165
54 A.	- - - - - -	2,240	·069	·002	·067
54 A.	- - - - - -	3,360	·097	·006	·091
54 A.	- - - - - -	4,480	·146	·016	·130
54 A.	- - - - - -	5,600	·226	·031	·195
60 A.	Hickory Lignum Vitæ	2,240	·084	·0	·084
60 A.	Do.	3,360	·112	·004	·108
60 A.	Do.	4,480	·159	·010	·149
60 A.	Do.	5,600	·229	·034	·195
60 A.	Do.	6,720	·232	·046	·186
61 A.	Flindosa	2,240	·070	·0	·070
61 A.	Do.	3,360	·096	·005	·091
61 A.	Do.	4,480	·142	·017	·125
61 A.	Do.	5,600	·336	·088	·248
61 C.	Do.	2,240	·089	·003	·086
61 C.	Do.	3,360	·130	·013	·117
61 C.	Do.	4,480	·243	·054	·189
63 A.	Flintamendosa	2,240	·065	·006	·059
63 A.	Do.	3,360	·092	·010	·082
63 A.	Do.	4,480	·118	·016	·102
63 A.	Do.	5,600	·158	·024	·134
63 A.	Do.	6,720	·238	·041	·197
64 A.	Tea Tree	2,240	·081	·0	·081
64 A.	Do.	3,360	·115	·005	·110
64 A.	Do.	4,480	·168	·013	·155
66 A.	Bastard Myall	2,240	·070	·001	·069
66 A.	Do.	3,360	·098	·010	·088
66 A.	Do.	4,480	·166	·025	·141
67 A.	- - - - - -	2,240	·071	·0	·071
67 A.	- - - - - -	3,360	·096	·0	·096
67 A.	- - - - - -	4,480	·131	·004	·127
67 A.	- - - - - -	5,600	·174	·012	·162
68 A.	- - - - - -	2,240	·175	·024	·151
69 A.	- - - - - -	2,240	·070	·002	·068
69 A.	- - - - - -	3,360	·100	·004	·096
69 A.	- - - - - -	4,480	·149	·014	·135
71 A.	Swamp Oak	2,240	·060	·0	·060
71 A.	Do.	3,360	·082	·002	·080
71 A.	Do.	4,480	·108	·007	·101
71 A.	Do.	5,600	·160	·017	·143
74 A.	White Myrtle	2,240	·058	·002	·056
74 A.	Do.	3,360	·079	·004	·075

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	NEW SOUTH WALES (NORTH).				
74 A.	White Myrtle	4,480	·112	·009	·103
74 A.	- - - - - -	5,600	·156	·020	·136
74 A.	- - - - - -	6,720	·264	·050	·214
77 A.	Iron Bark of Clarence	2,240	·050	·002	·048
77 A.	Do.	3,360	·068	·003	·065
77 A.	Do.	4,480	·087	·004	·083
77 A.	Do.	5,600	·111	·008	·103
77 A.	Do.	6,720	·152	·014	·138
84 A.	Marble Wood	2,240	·056	·002	·056
84 A.	Do.	3,360	·074	·002	·072
84 A.	Do.	4,480	·103	·007	·096
84 A.	Do.	5,600	·146	·013	·133
84 A.	Do.	6,720	·230	·044	·186
88 A.	- - - - - -	2,240	·055	·0	·055
88 A.	- - - - - -	3,360	·080	·001	·079
88 A.	- - - - - -	4,480	·122	·010	·112
88 A.	- - - - - -	5,600	·212	·036	·176
89 A.	Found in Brush Forests in the Clarence.	2,240	·070	·0	·070
89 A.	Do.	3,360	·094	·002	·092
89 A.	Do.	4,480	·130	·007	·123
89 A.	Do.	5,600	·190	·022	·168
93 A.	- - - - - -	2,240	·095	·009	·086
93 A.	- - - - - -	3,360	·192	·038	·154
102 A.	Flooded Gum	2,240	·063	·005	·058
102 A.	Do.	3,360	·104	·014	·090
102 A.	Do.	4,480	·186	·048	·138
102 C.	Do.	2,240	·072	·003	·069
102 C.	Do.	3,360	·130	·018	·112
103 A.	Grey Gum	2,240	·055	·0	·055
103 A.	Do.	3,360	·076	·0	·076
103 A.	Do.	4,480	·106	·005	·101
103 A.	Do.	5,600	·149	·014	·135
103 A.	Do.	6,720	·232	·041	·191
104 A.	Bitter Bark	2,240	·078	·002	·076
104 A.	Do.	3,360	·118	·010	·108
104 A.	Do.	4,480	·224	·038	·186
105 A.	Light Yellow Wood	2,240	·094	·004	·090
105 A.	Do.	3,360	·154	·020	·134
106 A.	Iron Wood	2,240	·069	·003	·066
106 A.	Do.	3,360	·095	·005	·090
106 A.	Do.	4,480	·126	·010	·116
106 A.	Do.	5,600	·177	·022	·155
106 A.	Do.	6,720	·292	·056	·236
109 A.	Swamp Mahogany	2,240	·088	·0	·088
109 A.	Do.	3,360	·141	·004	·137
111 A.	Water Gum	2,240	·130	·003	·127
111 A.	Do.	3,360	·200	·020	·180
111 A.	Do.	4,480	·372	·070	·302
111 C.	Do.	2,240	·130	·001	·129
111 C.	Do.	3,360	·204	·017	·187
111 C.	Do.	4,480	·375	·070	·305
114 A.	Brush Iron Bark	2,240	·096	·0	·096
114 A.	Do.	3,360	·154	·007	·147
	NEW SOUTH WALES (SOUTH).				
1 A.	White or Pale Iron Bark	2,240	·030	·0	·030
1 A.	Do.	3,360	·044	·0	·044
1 A.	Do.	4,480	·060	·0	·060
1 A.	Do.	5,600	·076	·002	·074
1 A.	Do.	6,720	·095	·005	·090
1 A.	Do.	7,840	·123	·007	·116
1 A.	Do.	8,960	·155	·015	·140
1 A.	Do.	10,080	·210	·030	·180
1 B.	Do.	2,240	·068	·0	·068
1 B.	Do.	3,360	·098	·0	·098
1 B.	Do.	4,480	·140	·003	·137
1 C.	Do.	2,240	·051	·0	·051
1 C.	Do.	3,360	·065	·0	·065
1 C.	Do.	4,480	·080	·0	·080
1 C.	Do.	5,600	·098	·004	·094
1 C.	Do.	6,720	·120	·008	·112

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	NEW SOUTH WALES (SOUTH).				
1 C.	White or Pale Iron Bark	7,840	·151	·016	·135
1 C.	Do.	8,960	·205	·031	·174
1 C.	Do.	10,080	·278	·052	·226
2 A.	White Iron Bark	2,240	·051	·001	·050
2 A.	Do.	3,360	·071	·005	·066
2 A.	Do.	4,480	·091	·007	·084
2 A.	Do.	5,600	·116	·012	·104
2 A.	Do.	6,720	·159	·021	·138
2 A.	Do.	7,840	·224	·044	·180
2 B.	Do.	2,240	·047	·0	·047
2 B.	Do.	3,360	·066	·003	·063
2 B.	Do.	4,480	·085	·007	·078
2 B.	Do.	5,600	·116	·014	·102
2 B.	Do.	6,720	·160	·020	·140
2 B.	Do.	7,840	·229	·026	·203
3 A.	Iron Bark	2,240	·062	·0	·062
3 A.	Do.	3,360	·085	·002	·083
3 A.	Do.	4,480	·117	·006	·111
3 A.	Do.	5,600	·163	·018	·145
3 A.	Do.	6,720	·235	·044	·191
3 C.	Do.	2,240	·057	·0	·057
3 C.	Do.	3,360	·074	·0	·074
3 C.	Do.	4,480	·096	·002	·094
3 C.	Do.	5,600	·122	·006	·116
3 C.	Do.	6,720	·161	·013	·148
3 C.	Do.	7,840	·221	·038	·183
4 A.	Broad-leaved Rough Iron-Bark	2,240	·071	·004	·067
4 A.	Do.	3,360	·096	·009	·087
4 A.	Do.	4,480	·122	·015	·107
4 A.	Do.	5,600	·152	·023	·129
4 A.	Do.	6,720	·182	·028	·154
4 C.	Do.	2,240	·061	·0	·061
4 C.	Do.	3,360	·082	·0	·082
4 C.	Do.	4,480	·106	·005	·101
4 C.	Do.	5,600	·146	·014	·132
4 C.	Do.	6,720	·186	·028	·158
5 A.	Iron Bark	2,240	·048	·0	·048
5 A.	Do.	3,360	·066	·0	·066
5 A.	Do.	4,480	·084	·0	·084
5 A.	Do.	5,600	·108	·001	·107
5 A.	Do.	6,720	·138	·008	·130
5 A.	Do.	7,840	·183	·020	·163
5 C.	Do.	2,240	·074	·0	·074
5 C.	Do.	3,360	·095	·004	·091
5 C.	Do.	4,480	·116	·008	·108
5 C.	Do.	5,600	·144	·014	·130
5 C.	Do.	6,720	·154	·016	·138
5 C.	Do.	7,840	·196	·030	·166
7 A.	Narrow-leaved Smooth or Red Iron Bark.	2,240	·068	·002	·066
7 A.	Do.	3,360	·092	·004	·088
7 A.	Do.	4,480	·122	·006	·116
7 A.	Do.	5,600	·156	·013	·143
10 A.	Box of Illawarra	2,240	·090	·002	·088
10 B.	Do.	2,240	·076	·0	·076
10 B.	Do.	3,360	·111	·004	·107
10 B.	Do.	4,480	·162	·015	·147
11 A.	Bastard Box of Illawarra	2,240	·058	·0	·058
11 A.	Do.	3,360	·072	·005	·067
11 A.	Do.	4,480	·087	·007	·080
11 A.	Do.	5,600	·103	·010	·093
11 A.	Do.	6,720	·128	·017	·111
11 A.	Do.	7,840	·161	·026	·135
11 A.	Do.	8,960	·232	·050	·182
12 B.	Yellow Box of Camden	2,240	·116	·014	·102
12 C.	Do.	2,240	·129	·018	·111
13 A.	Bastard Box	2,240	·058	·003	·055
13 A.	Do.	3,360	·076	·004	·072
13 A.	Do.	4,480	·092	·006	·086
13 A.	Do.	5,600	·111	·008	·103
13 A.	Do.	6,720	·133	·010	·123
13 A.	Do.	7,840	·170	·023	·147
13 A.	Do.	8,960	·239	·044	·195

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	NEW SOUTH WALES (SOUTH).				
13 C.	Bastard Box	2,240	·061	·0	·061
13 C.	Do.	3,360	·079	·002	·077
13 C.	Do.	4,480	·099	·006	·093
13 C.	Do.	5,600	·126	·010	·116
13 C.	Do.	6,720	·167	·020	·147
13 C.	Do.	7,840	·234	·036	·198
14 A.	Do.	2,240	·054	·0	·054
14 A.	Do.	3,360	·071	·0	·071
14 A.	Do.	4,480	·087	·006	·081
14 A.	Do.	5,600	·108	·010	·098
14 A.	Do.	6,720	·142	·019	·123
14 A.	Do.	7,840	·197	·032	·165
15 A.	Box	2,240	·106	·003	·103
15 A.	Do.	3,360	·154	·013	·141
15 A.	Do.	4,480	·258	·049	·209
15 C.	Do.	2,240	·081	·001	·080
15 C.	Do.	3,360	·120	·007	·113
15 C.	Do.	4,480	·181	·027	·154
16 A.	Flooded Gum	2,240	·106	·006	·100
16 A.	Do.	3,360	·174	·022	·152
17 A.	Bastard Box	2,240	·064	·004	·060
17 A.	Do.	3,360	·097	·008	·089
17 A.	Do.	4,480	·117	·015	·102
17 A.	Do.	5,600	·155	·020	·135
18 A.	Blue Gum of Coast District	2,240	·107	·005	·102
18 A.	Do.	3,360	·166	·020	·146
18 B.	Do.	2,240	·100	·002	·098
18 B.	Do.	3,360	·162	·015	·147
19 C.	Blue Gum of Camden	2,240	·101	·002	·099
20 A.	Blue Gum	2,240	·116	·005	·111
20 A.	Do.	3,360	·180	·017	·163
21 A.	Do.	2,240	·076	·0	·076
21 A.	Do.	3,360	·101	·006	·095
21 A.	Do.	4,480	·128	·010	·118
21 A.	Do.	5,600	·163	·021	·142
21 A.	Do.	6,720	·223	·040	·183
23 A.	Grey Gum	2,240	·074	·0	·074
23 A.	Do.	3,360	·104	·0	·104
23 A.	Do.	4,480	·142	·010	·132
23 A.	Do.	5,600	·212	·033	·179
24 A.	Woolly Butt of Illawarra	2,240	·058	·0	·058
24 A.	Do.	3,360	·080	·0	·080
24 A.	Do.	4,480	·111	·008	·103
24 A.	Do.	5,600	·153	·020	·133
25 A.	Rough-barked Gum	2,240	·085	·001	·084
25 A.	Do.	3,360	·111	·006	·105
25 A.	Do.	4,480	·145	·016	·129
25 A.	Do.	5,600	·196	·032	·164
27 A.	Black Butt Gum	2,240	·070	·002	·068
27 A.	Do.	3,360	·092	·009	·083
27 A.	Do.	4,480	·123	·015	·108
27 A.	Do.	5,600	·182	·027	·155
27 C.	Do.	2,240	·076	·002	·074
27 C.	Do.	3,360	·106	·009	·097
27 C.	Do.	4,480	·158	·018	·140
27 C.	Do.	5,600	·249	·051	·198
37 A.	Rough-barked Gum	2,240	·071	·0	·071
37 A.	Do.	3,360	·097	·002	·095
37 A.	Do.	4,480	·130	·008	·122
37 A.	Do.	5,600	·186	·029	·157
37 S.A.	Do.	2,240	·059	·0	·059
37 S.A.	Do.	3,360	·077	·0	·077
37 S.A.	Do.	4,480	·097	·0	·097
37 S.A.	Do.	5,600	·123	·004	·119
37 S.A.	Do.	6,720	·164	·014	·150
38 A.	Grey Gum from Brisbane Water	2,240	·067	·0	·067
38 A.	Do.	3,360	·089	·0	·089
38 A.	Do.	4,480	·120	·001	·119
38 A.	Do.	5,600	·156	·013	·143
38 C.	Do.	2,240	·070	·006	·064
38 C.	Do.	3,360	·094	·008	·086
38 C.	Do.	4,480	·122	·010	·112
38 C.	Do.	5,600	·166	·019	·147

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	NEW SOUTH WALES (SOUTH).				
38 C.	Grey Gum from Brisbane Water	6,720	·230	·040	·190
40 A.	Messmate	2,240	·070	·0	·070
40 A.	Do.	3,360	·098	·002	·096
40 A.	Do.	4,480	·140	·009	·131
40 A.	Do.	5,600	·224	·030	·194
40 C.	Do.	2,240	·074	·0	·074
40 C.	Do.	3,360	·102	·008	·094
40 C.	Do.	4,480	·137	·015	·122
40 D.	Do.	2,240	·064	·0	·064
40 D.	Do.	3,360	·092	·0	·092
40 D.	Do.	4,480	·135	·004	·131
40 D.	Do.	5,600	·204	·030	·174
42 A.	Swamp Mahogany	2,240	·100	·003	·097
42 A.	Do.	3,360	·148	·014	·134
42 B.	Do.	2,240	·072	·005	·067
42 B.	Do.	3,360	·102	·008	·094
42 B.	Do.	4,480	·153	·017	·136
43 A.	Do.	2,240	·090	·007	·083
43 A.	Do.	3,360	·151	·016	·135
43 C.	Do.	2,240	·112	·002	·110
43 C.	Do.	3,360	·212	·024	·188
43 D.	Do.	2,240	·096	·009	·087
43 D.	Do.	3,360	·160	·017	·143
44 A.	Mahogany	2,240	·086	·003	·083
44 A.	Do.	3,360	·120	·006	·114
44 A.	Do.	4,480	·177	·020	·157
44 A.	Do.	5,600	·190	·033	·157
44 BB.	Do.	2,240	·078	·006	·072
44 BB.	Do.	3,360	·116	·012	·104
44 BB.	Do.	4,480	·187	·034	·153
44 DD.	Do.	2,240	·083	·002	·081
44 DD.	Do.	3,360	·126	·019	·107
44 DD.	Do.	4,480	·199	·027	·172
46 A.	Stringy Bark of Coast	2,240	·070	·009	·061
46 A.	Do.	3,360	·098	·010	·088
46 A.	Do.	4,480	·131	·018	·113
46 A.	Do.	5,600	·184	·032	·152
46 C.	Do.	2,240	·057	·0	·057
46 C.	Do.	3,360	·081	·0	·081
46 C.	Do.	4,480	·114	·0	·114
46 C.	Do.	5,600	·155	·020	·135
47 A.	Stringy Bark	2,240	·071	·002	·069
47 A.	Do.	3,360	·092	·008	·084
47 A.	Do.	4,480	·122	·016	·106
47 A.	Do.	5,600	·170	·038	·132
48 A.	Stringy Bark, Camden	2,240	·069	·0	·069
48 A.	Do.	3,360	·091	·002	·089
48 A.	Do.	4,480	·121	·009	·112
48 A.	Do.	5,600	·230	·030	·200
48 C.	Do.	2,240	·072	·002	·070
48 C.	Do.	3,360	·096	·005	·091
48 C.	Do.	4,480	·131	·011	·120
48 C.	Do.	5,600	·195	·028	·167
49 A.	Stringy Bark, Berrima	2,240	·069	·0	·069
49 A.	Do.	3,360	·098	·0	·098
49 A.	Do.	4,480	·146	·010	·136
49 A.	Do.	5,600	·261	·039	·222
49 C.	Do.	2,240	·064	·0	·064
49 C.	Do.	3,360	·093	·0	·093
49 C.	Do.	4,480	·129	·008	·121
52 A.	Apple Tree of Coast	2,240	·074	·0	·074
52 A.	Do.	3,360	·109	·006	·103
52 A.	Do.	4,480	·180	·020	·160
52 C.	Do.	2,240	·076	·002	·074
52 C.	Do.	3,360	·118	·010	·108
53 A.	Apple Tree	2,240	·124	·008	·116
53 C.	Do.	2,240	·159	·016	·143
54 A.	Turpentine Tree	2,240	·078	·0	·078
54 A.	Do.	3,360	·112	·001	·111
54 A.	Do.	4,480	·163	·016	·147
55 A.	Water Gum	2,240	·081	·006	·075
55 A.	Do.	3,360	·115	·008	·107
55 A.	Do.	4,480	·171	·030	·141

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	NEW SOUTH WALES (S.) BK. 1.				
55 A.	Water Gum	5,600	·256	·056	·200
57 A.	Hickory	2,240	·077	·004	·073
57 A.	Do.	3,360	·116	·013	·103
57 A.	Do.	4,480	·173	·032	·141
57 A.	Do.	5,600	·400	·109	·291
57 C.	Do.	2,240	·099	·006	·093
57 C.	Do.	3,360	·156	·018	·138
57 C.	Do.	4,480	·276	·061	·215
59 A.	Prickly Tea Tree	2,240	·106	·004	·102
59 A.	Do.	3,360	·210	·048	·162
60 A.	Common Tea Tree	2,240	·106	·004	·102
60 A.	Do.	3,360	·161	·012	·149
60 C.	Do.	2,240	·118	·005	·113
64 A.	Broad-leaved Tea Tree	2,240	·070	·0	·070
64 A.	Do.	3,360	·102	·001	·101
64 A.	Do.	4,480	·157	·011	·146
70 A.	Myrtle	2,240	·078	·004	·074
70 A.	Do.	3,360	·103	·006	·097
70 A.	Do.	4,480	·154	·017	·137
70 A.	Do.	5,600	·227	·040	·187
84 A.	Black Wattle of Illawarra	2,240	·068	·001	·067
84 A.	Do.	3,360	·078	·005	·073
84 A.	Do.	4,480	·111	·012	·099
84 A.	Do.	5,600	·170	·029	·141
105 A.	River or White Oak	2,240	·078	·006	·072
105 A.	Do.	3,360	·110	·011	·099
105 A.	Do.	4,480	·152	·020	·132
105 A.	Do.	5,600	·223	·040	·183
108 A.	Beech Brush Cherry	2,240	·166	·024	·142
108 A.	Do.	3,360	·322	·082	·240
120 B.	Teak Wood	2,240	·123	·018	·105
125 B.	Maiden's Blush	2,240	·208	·045	·163
125 D.	Do.	2,240	·169	·036	·133
127 A.	Tamarind Tree	2,240	·090	·004	·086
127 A.	Do.	3,360	·176	·024	·152
136 A.	White Maple	2,240	·228	·044	·184
136 B.	Do.	2,240	·128	·013	·115
136 C.	Do.	2,240	·112	·014	·098
137 A.	Do.	2,240	·100	·013	·087
137 A.	Do.	3,360	·157	·028	·129
137 A.	Do.	4,480	·271	·070	·201
137 B.	Do.	2,240	·080	·003	·077
137 B.	Do.	3,360	·116	·010	·106
137 B.	Do.	4,480	·173	·028	·145
140 A.	Light Wood	2,240	·145	·021	·124
140 B.	Do.	2,240	·094	·007	·087
140 B.	Do.	3,360	·176	·032	·144
154 A.	Red Ash	2,240	·076	·0	·076
154 A.	Do.	3,360	·114	·004	·110
154 A.	Do.	4,480	·181	·020	·161
155 A.	Light Wood	2,240	·083	·002	·081
155 A.	Do.	3,360	·114	·014	·100
155 A.	Do.	4,480	·183	·033	·150
155 B.	Do.	2,240	·074	·002	·072
155 B.	Do.	3,360	·102	·005	·097
155 B.	Do.	4,480	·158	·022	·136
171 A.	White Beech	2,240	·188	·017	·171
171 D.	Do.	2,240	·152	·019	·133
177 A.	Mountain Ash	2,240	·082	·0	·082
177 A.	Do.	3,360	·136	·008	·128
177 C.	Do.	2,240	·089	·0	·089
177 C.	Do.	3,360	·154	·012	·142
177 D.	Do.	2,240	·088	·005	·083
177 D.	Do.	3,360	·166	·023	·143
	QUEENSLAND.				
1 A*a*.	Bunya Bunya	2,240	·192	·060	·132
1 A*b*.	Do.	2,240	·164	·040	·124
1 B.	Do.	2,240	·162	·050	·112
2 A.	Moreton Bay Pine	2,240	·430	·120	·310
2 A*a*.	*Do.*	2,240	·248	·083	·165

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	QUEENSLAND.				
5 A.	She Pine	2,240	·144	·021	·123
5 A*a*.	Do.	2,240	·098	·0	·098
6 A.	Forest Oak	2,240	·065	·0	·065
6 A.	Do.	3,360	·088	·0	·088
6 A.	Do.	4,480	·114	·004	·110
6 A.	Do.	5,600	·153	·011	·142
6 A*a*.	Do.	2,240	·186	·013	·173
6 A*a*.	Do.	3,360	·128	·018	·110
7 A.	River Oak	2,240	·115	·010	·105
8 A.	Shingle Oak	2,240	·101	·0	·101
8 A.	Do.	2,240	·133	·015	·118
9 A.	Swamp Oak	2,240	·058	·002	·056
9 A.	Do.	3,360	·083	·008	·075
9 A.	Do.	4,420	116	·012	·104
10 A.	Red Cedar	2,240	·188	·027	·161
10 A*a*.	Do.	2,240	234	·036	·198
11 A.	Light Yellow Wood	2,240	·094	·008	·086
11 A.	Do.	3,360	·165	·018	·147
11 A*a*.	Do.	2,240	·094	·010	·084
11 A*a*.	Do.	3,360	·170	·030	·140
12 A.	Flindosa	2,240	·063	·005	·058
12 A.	Do.	3,360	·091	·006	·085
12 A.	Do.	4,480	·124	·007	·117
12 A.	Do.	5,600	·187	·017	·170
12 A.	Do.	6,720	·328	·037	·291
12 A*a*.	Do.	2,240	·060	·001	·059
12 A*a*.	Do.	3,360	·086	·003	·083
12 A*a*.	Do.	4,480	·121	·008	·113
12 A*a*.	Do.	5,600	·188	·022	·166
12 A*a*.	Do.	6,720	·410	·063	·347
13 A.		2,240	·094	·006	·088
13 A.		3,360	·122	·019	·103
13 A*a*.		2,240	·092	·009	·083
13 A*a*.		3,360	·202	·046	·156
15 A.	Silky Oak	2,240	·192	·019	·173
15 A*a*.	Do.	2,240	·137	·014	·123
17 A.	Tulip Tree	2,240	·082	·009	·073
17 A.	Do.	3,360	·373	·086	·287
17 A*a*.	Do.	2,240	·077	·007	·070
17 A*a*.	Do.	3,360	·153	·024	·129
19 A.	Light Wood	2,240	·078	·007	·071
19 A.	Do.	3,360	·112	·012	·100
19 A.	Do.	4,480	·160	·023	·137
19 A.	Do.	5,600	·275	·055	·220
19 A*a*.	Do.	2,240	·068	·002	·066
19 A*a*.	Do.	3,360	·100	·006	·094
19 A*a*.	Do.	4,480	·151	·015	·136
19 A*a*.	Do.	5,600	·267	·044	·223
20 A.	Callhum	2,240	·070	·003	·067
20 A.	Do.	3,360	·096	·003	·093
20 A.	Do.	4,480	·132	·005	·127
20 A.	Do.	6,720	·185	·008	·177
20 A.	Do.	7,840	·238	·016	·222
20 A*a*.	Do.	2,240	·105	·010	·095
20 B*a*.	Do.	2,240	·106	·004	·102
21 A.	Cabbage Tree	2,240	·160	·018	·142
23 A.	Mountain Ash	2,240	·074	·0	·074
23 A.	Do.	3,360	·110	·002	·108
23 A*a*.	Do.	2,240	·058	·0	·058
23 A*a*.	Do.	3,360	·080	·003	·077
23 A*a*.	Do.	4,480	·107	·008	·099
23 A*a*.	Do.	5,600	·146	·013	·133
23 A*a*.	Do.	6,720	·210	·018	·192
24 A.	Broad-leaved Cherry	2,240	·061	·0	·061
24 A.	Do.	3,360	·082	·002	·080
24 A.	Do.	4,480	·107	·004	·103
24 A.	Do.	5,600	·140	·009	·131
24 A*a*.	Do.	2,240	·058	·0	·058
24 A*a*.	Do.	3,360	·085	·002	·083
24 A*a*.	Do.	4,480	·119	·008	·111
24 A*a*.	Do.	5,600	·173	·019	·154
25 A.	Cherry	2,240	·186	·033	·153
25 A*a*.	Do.	2,240	·106	·008	·098

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	QUEENSLAND.				
25 *Aa.*	Cherry	3,360	·164	·015	·149
28 A.	Mangrove	2,240	·123	·010	·113
28 A.	Do.	3,360	·178	·016	·162
28 *Aa.*	Do.	2,240	·153	·010	·143
29 A.	Lignum Vitæ	2,240	·081	·0	·081
29 A.	Do.	3,360	·112	·0	·112
29 A.	Do.	4,480	·156	·002	·154
29 *Aa.*	Do.	2,240	·076	·003	·073
29 *Aa.*	Do.	3,360	·103	·006	·097
29 *Aa.*	Do.	4,480	·140	·011	·129
29 *Aa.*	Do.	5,560	·212	·022	·190
30 A.	Beech	2,240	·116	·008	·108
30 *Aa.*	Do.	2,240	·107	·006	·101
30 *Aa.*	Do.	3,360	·308	·042	·266
31 A.	White Cedar	2,240	·163	·035	·128
32 *Aa.*	Plum Tree	2,240	·062	·0	·062
32 *Aa.*	Do.	3,360	·092	·003	·089
32 *Aa.*	Do.	4,480	·147	·016	·131
32 B.	Do.	2,240	·072	·003	·069
32 B.	Do.	3,360	·120	·014	·106
32 B.	Do.	4,480	·210	·040	·170
33 A.	Rosewood	2,240	·089	·004	·085
33 A.	Do.	3,360	·155	·019	·136
33 *Aa.*	Do.	2,240	·104	·010	·094
33 *Aa.*	Do.	3,360	·244	·044	·200
34 A.	Dark Yellow Wood	2,240	·078	·004	·074
34 A.	Do.	3,360	·125	·009	·116
35 A.	Cugerie	2,240	·158	·015	·143
35 *Aa.*	Do.	2,240	·104	·010	·094
35 *Aa.*	Do.	3,360	·278	·050	·228
36 A.	- -	2,240	·075	·012	·063
36 A.	- -	3,360	·109	·015	·094
36 A.	- -	4,480	·154	·021	·133
36 *Aa.*	- -	2,240	·066	·0	·066
36 *Aa.*	- -	3,360	·094	·0	·094
36 *Ab.*	- -	2,240	·179	·020	·159
38 A.	Grey Plum	2,240	·157	·015	·142
38 *Aa.*	Do.	2,240	·138	·009	·129
39 A.	Sassafras	2,240	·132	·008	·124
39 A.	Do.	3,360	·203	·029	·174
39 *Aa.*	Do.	2,240	·156	·021	·135
40 A.	- -	2,240	·084	·007	·077
40 A.	- -	3,360	·142	·019	·123
40 *Aa.*	- -	2,240	·097	·010	·087
40 *Aa.*	- -	3,360	·138	·022	·116
40 *Aa.*	- -	4,480	·237	·044	·193
41 A.	- -	2,240	·154	·048	·106
43 *Aa.*	Tamarind Tree	2,240	·094	·007	·087
43 *Aa.*	Do.	3,360	·168	·026	·142
44 A.	Tulip Wood	2,240	·062	·0	·062
44 A.	Do.	3,360	·093	·003	·090
44 A.	Do.	4,480	·147	·015	·132
44 A.	Do.	5,600	·299	·067	·232
44 *Aa.*	Do.	2,240	·060	·002	·058
44 *Aa.*	Do.	3,360	·086	·006	·080
44 *Aa.*	Do.	4,480	·125	·013	·113
44 *Aa.*	Do.	5,600	·205	·030	·175
45 A.	- -	2,240	·063	·0	·063
45 A.	- -	3,360	·087	·002	·085
45 A.	- -	4,480	·174	·016	·158
45 *Aa.*	- -	2,240	·083	·007	·076
45 *Aa.*	- -	3,360	·128	·017	·111
45 *Aa.*	- -	4,480	·228	·034	·194
46 A.	- -	2,240	·090	·0	·090
46 A.	- -	3,360	·129	·004	·125
46 A.	- -	4,480	·219	·020	·199
46 *Aa.*	- -	2,240	·081	·004	·077
46 *Aa.*	- -	3,360	·122	·009	·113
46 *Aa.*	- -	4,480	·192	·020	·172
47 A.	Lime Tree	2,240	·081	·006	·075
47 A.	Do.	3,360	·135	·019	·116
47 A.	Do.	4,480	·260	·065	·195
47 Aa.	*Do.*	2,240	·100	·014	·086

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	QUEENSLAND.				
48 A.		2,240	·072	·008	·064
48 A.		3,360	·098	·010	·088
48 A.		4,480	·135	·015	·120
48 A.		5,600	·205	·031	·174
48 A*a*.		2,240	·056	·001	·055
48 A*a*.		3,360	·079	·006	·073
48 A*a*.		4,480	·104	·008	·096
48 A*a*.		5,600	·142	·013	·129
48 A*a*.		6,720	·222	·026	·196
49 A.		2,240	·114	·003	·111
49 A.		3,360	·199	·017	·182
49 A*a*.		2,240	·084	·0	·084
49 A*a*.		3,360	·120	·002	·118
49 A*a*.		4,480	·217	·018	·199
50 A.		2,240	·118	·005	·113
50 A.		3,360	·238	·026	·212
50 A*a*.		2,240	·076	·005	·071
51 A.		2,240	·142	·022	·120
52 A.		2,240	·120	·006	·114
52 A*a*.		2,240	·085	·0	·085
52 A*a*.		3,360	·140	·006	·134
53 A.		2,240	·080	·006	·074
53 A.		3,360	·118	·014	·104
53 A.		4,480	·209	·035	·174
53 A*a*.		2,240	·080	·007	·073
53 A*a*.		3,360	·112	·012	·100
53 A*a*.		4,480	·204	·030	·174
54 A.		2,240	·077	·0	·077
54 A.		3,360	·110	·012	·098
54 A.		4,480	·157	·026	·131
54 A*a*.		2,240	·081	·010	·071
54 A*a*.		3,360	·122	·022	·100
54 A*a*.		4,480	·189	·335	·154
55 A.		2,240	·077	·0	·077
55 A.		3,360	·119	·002	·117
55 A.		4,480	·204	·018	·186
55 A*a*.		2,240	·076	·004	·072
55 A*a*.		3,360	·115	·006	·109
55 A*a*.		4,480	·186	·017	·169
56 A.		2,240	·161	·027	·134
56 A*a*.		2,240	·116	·017	·099
57 A.	Iron Wood	2,240	·064	·004	·060
57 A.	Do.	3,360	·094	·009	·085
57 A.	Do.	4,480	·140	·018	·126
57 A.	Do.	5,600	·219	·038	·181
58 A.	Myrtle	2,240	·056	·003	·053
58 A.	Do.	3,360	·078	·006	·072
58 A.	Do.	4,480	·110	·009	·101
58 A.	Do.	5,600	·160	·020	·140
58 A.	Do.	6,720	·265	·048	·217
58 A*a*.	Do.	2,240	·068	·0	·068
58 A*a*.	Do.	3,360	·097	·008	·089
58 A*a*.	Do.	4,480	·137	·015	·122
58 A*a*.	Do.	5,600	·210	·030	·180
59 A.		2,240	·079	·006	·073
59 A.		3,360	·124	·018	·106
59 A.		4,480	·280	·074	·206
59 A*a*.		2,240	·125	·008	·117
60 A.		2,240	·088	·003	·085
60 A.		3,360	·135	·010	·125
60 A.		4,480	·224	·032	·192
60 A*a*.		2,240	·092	·0	·092
60 A*a*.		3,360	·137	·009	·126
60 A*a*.		4,480	·230	·037	·193
61 A.		2,240	·065	·0	·065
61 A.		3,360	·085	·0	·085
61 A.		4,480	·112	·0	·112
61 A.		5,600	·148	·003	·145
61 A.		6,720	·201	·008	·193
61 A*a*.		2,240	·066	·0	·066
61 A*a*.		3,360	·091	·0	·091
61 A*a*.		4,480	·126	·002	·124
61 A*a*.		5,600	·178	·012	·166

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	QUEENSLAND.				
62 A.	Box	2,240	·110	·006	·104
62 A.	-	3,360	·181	·022	·159
63 A.	Black Iron Bark	2,240	·053	·0	·053
63 A.	Do.	3,360	·070	·0	·070
63 A.	Do.	4,480	·092	·0	·092
63 A.	Do.	5,600	·120	·0	·120
63 A.	Do.	6,720	·165	·018	·147
63 A.	Do.	7,840	·216	·048	·168
63 A*a*.	Do.	2,240	·059	·002	·057
63 A*a*.	Do.	3,360	·078	·006	·072
63 A*a*.	Do.	4,480	·104	·009	·095
63 A*a*.	Do.	5,600	·144	·017	·127
63 A*a*.	Do.	6,720	·201	·030	·171
64 A.	Grey Iron Bark	2,240	·051	·0	·051
64 A.	Do.	3,360	·068	·0	·068
64 A.	Do.	4,480	·090	·0	·090
64 A.	Do.	5,600	·122	·006	·116
64 A.	Do.	6,720	·185	·030	·155
64 A*a*.	Do.	2,240	·052	·004	·048
64 A*a*.	Do.	3,360	·069	·006	·063
64 A*a*.	Do.	4,480	·090	·008	·082
64 A*a*.	Do.	5,600	·118	·013	·105
64 A*a*.	Do.	6,720	·161	·027	·134
64 A*a*.	Do.	7,840	·235	·048	·187
65 A.	Red Iron Bark	2,240	·054	·0	·054
65 A.	Do.	3,360	·072	·0	·072
65 A.	Do.	4,480	·096	·0	·096
65 A.	Do.	5,600	·128	·006	·122
65 A.	Do.	6,720	·180	·023	·157
65 A*a*.	Do.	2,240	·054	·0	·054
65 A*a*.	Do.	3,360	·073	·0	·073
65 A*a*.	Do.	4,480	·098	·006	·092
65 A*a*.	Do.	5,600	·132	·010	·122
65 A*a*.	Do.	6,720	·177	·025	·152
66 A.	Stringy Bark	2,240	·069	·0	·069
66 A.	Do.	3,360	·094	·001	·093
66 A.	Do.	4,480	·129	·006	·123
66 A*a*.	Do.	2,240	·070	·0	·070
66 A*a*.	Do.	3,360	·095	·0	·095
66 A*a*.	Do.	4,480	·130	·007	·123
67 A.	Spotted Gum	2,240	·060	·002	·058
67 A.	Do.	3,360	·082	·002	·080
67 A.	Do.	4,480	·108	·005	·103
67 A.	Do.	5,600	·144	·008	·136
67 A*a*.	Do.	2,240	·052	·003	·049
67 A*a*.	Do.	3,360	·071	·006	·065
67 A*a*.	Do.	4,480	·094	·006	·088
67 A*a*.	Do.	5,600	·121	·012	·109
67 A*a*.	Do.	6,720	·158	·021	·137
68 A.	Turpentine Tree	2,240	·062	·0	·062
68 A.	Do.	3,360	·082	·003	·079
68 A.	Do.	4,480	·110	·009	·101
68 A*a*.	Do.	2,240	·060	·0	·060
68 A*a*.	Do.	3,360	·084	·0	·084
68 A*a*.	Do.	4,480	·120	·006	·114
68 A*b*.	Do.	5,600	·182	·028	·154
69 A.	Smooth-barked Gum	2,240	·075	·002	·073
69 A.	Do.	3,360	·114	·010	·104
69 A.	Do.	4,480	·196	·026	·170
69 A*a*.	Do.	2,240	·098	·007	·091
70 A.	Blood Wood	2,240	·120	·011	·109
70 A.	Do.	3,360	·191	·033	·158
70 A*a*.	Do.	2,240	·110	·010	·100
70 A*a*.	Do.	3,360	·174	·030	·144
71 A.	Swamp Mahogany	2,240	·060	·0	·060
71 A.	Do.	3,360	·084	·002	·082
71 A.	Do.	4,480	·101	·004	·097
71 A*a*.	Do.	2,240	·074	·0	·074
71 A*a*.	Do.	3,360	·096	·003	·093
72 A.	Woolly Butt	2,240	·056	·0	·056
72 A.	Do.	3,360	·072	·0	·072
72 A.	Do.	4,480	·096	·003	·093
72 A.	*Do.*	5,600	·123	·008	·115

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	QUEENSLAND.				
72 A.	Woolly Butt	6,720	·214	·028	·186
72 A*a*.	Do.	2,240	·052	·0	·052
72 A*a*.	Do.	3,360	·072	·0	·072
72 A*a*.	Do.	5,600	·122	·008	·114
72 A*a*.	Do.	6,720	·164	·018	·146
73 A.	Blue Gum	2,240	·070	·0	·070
73 A.	Do.	3,360	·096	·002	·094
73 A.	Do.	4,480	·156	·015	·141
73 A.	Do.	5,600	·288	·062	·226
73 A*a*.	Do.	2,240	·070	·0	·070
73 A*a*.	Do.	3,360	·100	·004	·096
73 A*a*.	Do.	4,480	·158	·020	·138
76 A.	Prickly-leaved Tea Tree	2,240	·120	·006	·114
76 A.	Do.	3,360	·200	·028	·172
76 A*a*.	Do.	2,240	·152	·014	·138
77 A.	Broad-leaved Tea Tree	2,240	·122	·010	·112
79 A.	Common Tea Tree	2,240	·084	·0	·084
79 A.	Do.	3,360	·122	·005	·117
79 A.	Do.	4,480	·197	·028	·169
79 A*a*.	Do.	2,240	·087	·004	·083
79 A*a*.	Do.	3,360	·125	·010	·115
79 A*a*.	Do.	4,480	·199	·026	·173
80 A.		2,240	·118	·001	·117
80 A.		3,360	·193	·018	·175
80 A.		4,480	·406	·082	·324
80 A*a*.	Bottle Brush Tree	2,240	·100	·004	·096
80 A*a*.	Do.	3,360	·152	·019	·133
80 A*a*.	Do.	4,480	·289	·050	·239
81 A.		2,240	·067	·0	·067
81 A.		3,360	·104	·005	·099
81 A.		4,480	·169	·018	·151
81 A*a*.		2,240	·057	·0	·057
81 A*a*.		3,360	·084	·002	·082
81 A*a*.		4,480	·125	·011	·114
83 A.		2,240	·098	·007	·091
83 A*a*.		2,240	·078	·004	·074
83 A*a*.		3,360	·115	·009	·106
84 A.	Satin Wood	2,240	·068	·002	·066
84 A.	Do.	3,360	·100	·012	·088
84 A.	Do.	4,480	·236	·038	·198
84 A*a*.	Do.	2,240	·062	·002	·060
84 A*a*.	Do.	3,360	·103	·010	·093
84 A*a*.	Do.	4,480	·204	·034	·170
87 A.	Leichhardt's Wood	2,240	·177	·022	·155
87 A*a*.	Do.	2,240	·188	·033	·155
88 A.		2,240	·068	·0	·068
88 A.		3,360	·095	·0	·095
88 A.		4,480	·135	·004	·131
88 A*a*.		2,240	·060	·0	·060
88 A*a*.		3,360	·088	·002	·086
88 A*a*.		4,480	·172	·012	·160
88 A*a*.		5,600	·231	·034	·197
89 A.		2,240	·083	·006	·077
89 A.		3,360	·128	·012	·116
90 A.		2,240	·068	·0	·068
90 A.		3,360	·100	·004	·096
90 A.		4,480	·143	·010	·133
91 A.	Crab Tree	2,240	·080	·003	·077
91 A.	Do.	3,360	·111	·005	·106
91 A.	Do.	4,480	·145	·009	·136
92 B.		2,240	·190	·058	·032
93 A.		2,240	·073	·002	·071
93 A.		3,360	·112	·009	·103
93 A.		4,480	·209	·035	·174
93 A*a*.		2,240	·071	·0	·071
93 A*a*.		3,360	·118	·012	·106
93 A*a*.		4,480	·250	·076	·174
94 A.		2,240	·071	·0	·071
94 A.		3,360	·110	·003	·107
97 A.		2,240	·066	·0	·066
97 A.		3,360	·092	·0	·092
97 A.		4,480	·130	·002	·128
97 A.		5,600	·200	·016	·184

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	QUEENSLAND.				
99 A.	Bean Tree	2,240	·150	·016	·134
99 A*a*.	Do.	2,240	·093	·0	·093
99 A*a*.	Do.	3,360	·155	·010	·145
100 A*a*.		2,240	·128	·001	·127
102 A*a*.		2,240	·130	·010	·120
102 B.		2,240	·236	·020	·216
104 A.		2,240	·087	·0	·087
104 A.		3,360	·126	·008	·118
104 A.		4,480	·182	·017	·165
104 A*a*.		2,240	·085	·0	·085
104 A*a*.		3,360	·123	·002	·121
104 A*a*.		4,480	·195	·016	·179
104 A*a*.		5,600	·276	·046	·230
105 A.		2,240	·120	·012	·108
105 A*a*.		2,240	·108	·010	·098
106 A.		2,240	·070	·002	·068
106 A.		3,360	·111	·005	·106
106 A*a*.		2,240	·070	·0	·070
106 A*a*.		3,360	·098	·004	·094
106 A*a*.		4,480	·149	·014	·135
106 B*a*.		2,240	·065	·0	·065
106 B*a*.		3,360	·097	·005	·092
106 B*a*.		4,480	·146	·018	·128
106 C*a*.		2,240	·073	·006	·067
106 C*a*.		3,360	·104	·010	·094
106 C*a*.		4,480	·153	·019	·134
108 A.		2,240	·056	·0	·056
108 A.		3,360	·080	·0	·080
108 A.		4,480	·111	·004	·107
108 A.		5,600	·156	·014	·142
108 A.		6,720	·259	·040	·219
108 A*a*.		2,240	·068	·002	·066
108 A*a*.		3,360	·092	·005	·087
108 A*a*.		4,480	·129	·008	·121
108 A*a*.		5,600	·183	·020	·163
109 A.	Olive Tree	2,240	·055	·003	·052
109 A.	Do.	3,360	·080	·007	·073
109 A.	Do.	4,480	·109	·010	·099
109 A.	Do.	5,600	·152	·013	·139
109 A.	Do.	6,720	·274	·045	·229
109 A*a*.	Do.	2,240	·053	·0	·053
109 A*a*.	Do.	3,360	·071	·002	·069
109 A*a*.	Do.	4,480	·098	·006	·092
109 A*a*.	Do.	5,600	·138	·015	·123
109 A*a*.	Do.	6,720	·220	·035	·185
110 A.		2,240	·075	·001	·074
110 A.		3,360	·106	·005	·101
110 A*a*.		2,240	·072	·0	·072
110 A*a*.		3,360	·122	·005	·117
111 A.		2,240	·062	·003	·059
111 A.		3,360	·083	·006	·077
111 A.		4,480	·113	·008	·105
111 A*a*.		2,240	·073	·001	·072
111 A*a*.		3,360	·106	·007	·099
111 A*a*.		4,480	·196	·026	·170
112 A.		2,240	·080	·004	·076
112 A.		3,360	·146	·018	·128
113 A.	Mangrove	2,240	·088	·0	·088
113 A.	Do.	3,360	·126	·002	·124
113 A.	Do.	4,480	·196	·013	·183
113 A*a*.	Do.	2,240	·091	·001	·090
113 A*a*.	Do.	3,360	·129	·005	·124
113 A*a*.	Do.	4,480	·190	·008	·172
114 B.		2,240	·148	·007	·141
115 A.		2,240	·065	·007	·058
115 A.		3,360	·092	·009	·083
115 A.		4,480	·120	·011	·109
115 A.		5,600	·159	·016	·143
115 A.		6,720	·213	·025	·188
116 A.		2,240	·101	·009	·092
116 A.		3,360	·196	·029	·167
117 A.	Rosewood	2,240	·060	·005	·055
117 A.	Do.	3,360	·080	·007	·073

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	QUEENSLAND.				
117 A.	Rosewood	4,480	·104	·009	·095
117 A.	Do.	5,600	·138	·016	·122
117 A.	Do.	6,720	·196	·023	·173
117 *Aa.*	Do.	2,240	·078	·002	·076
117 *Aa.*	Do.	3,360	·107	·003	·104
117 *Aa.*	Do.	4,480	·148	·008	·140
118 *Aa.*		2,240	·074	·003	·071
118 *Aa.*		3,360	·111	·007	·104
120 A.		2,240	·046	·0	·046
120 A.		3,360	·063	·0	·063
120 A.		4,480	·079	·0	·079
120 A.		5,600	·102	·001	·101
120 A.		6,720	·128	·003	·125
120 A.		7,840	·164	·006	·158
120 A.		8,960	·200	·012	·188
121 *Aa.*	Weeping Myall	2,240	·050	·0	·050
121 *Aa.*	Do.	3,360	·068	·0	·068
121 *Aa.*	Do.	4,480	·085	·0	·085
121 *Aa.*	Do.	5,600	·103	·0	·103
121 *Aa.*	Do.	6,720	·128	·003	·125
121 *Aa.*	Do.	7,840	·153	·007	·146
121 *Aa.*	Do.	8,960	·219	·018	·201
121 A.	Do.	2,240	·052	·0	·052
121 A.	Do.	3,360	·072	·0	·072
121 A.	Do.	4,480	·094	·0	·094
121 A.	Do.	6,720	·160	·011	·149
121 A.	Do.	7,840	·212	·021	·191
122 A.	Bricklow	2,240	·057	·006	·051
122 A.	Do.	3,360	·075	·006	·069
122 A.	Do.	4,480	·094	·007	·087
122 A.	Do.	5,600	·113	·009	·104
122 A.	Do.	6,720	·151	·013	·138
122 A.	Do.	7,840	·206	·020	·186
122 *Aa.*	Do.	2,240	·067	·003	·064
122 *Aa.*	Do.	3,360	·090	·004	·086
122 *Aa.*	Do.	4,480	·120	·010	·110
122 *Aa.*	Do.	5,600	·157	·016	·141
122 *Aa.*	Do.	6,720	·213	·022	·191
123 A.	Acacia	2,240	·071	·0	·071
123 A.	Do.	3,360	·104	·036	·068
123 A.	Do.	4,480	·144	·012	·132
123 A.	Do.	5,600	·209	·026	·183
	RUSSIA.				
2 A.	Larch	2,240	·226	·042	·184
3 A.	Do.	2,240	·142	·010	·132
4 B.	Do.	2,240	·220	·018	·202
5 B.	Do.	2,240	·168	·026	·142
6 A.	Riga Oak	2,240	·122	·008	·114
6 A.	Do.	3,360	·307	·064	·243
6 C.	Do.	2,240	·193	·034	·159
	TASMANIA.				
8 A.	Black Wood	2,240	·062	·006	·056
8 A.	Do.	3,360	·086	·006	·080
8 A.	Do.	4,480	·145	·020	·125
8 C.	Do.	2,240	·078	·014	·064
8 C.	Do.	3,360	·130	·021	·109
8 C.	Do.	4,480	·271	·054	·217
8 *Aa.*	Do.	2,240	·061	·0	·061
8 *Aa.*	Do.	3,360	·095	·001	·094
8 *Aa.*	Do.	4,480	·180	·019	·161
8 *Ca.*	Do.	2,240	·078	·005	·073
8 *Ca.*	Do.	3,360	·116	·008	·108
8 *Ca.*	Do.	4,480	·186	·023	·163
8 *Cc.*	Do.	2,240	·076	·005	·071
8 *Cc.*	Do.	3,360	·116	·010	·106
8 *Cc.*	Do.	4,480	·270	·047	·223

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	TASMANIA.				
85 A.	Peppermint	2,240	·116	·015	·101
85 A.	Do.	3,360	·193	·036	·157
85 C.	Do.	2,240	·091	·014	·077
85 C.	Do.	3,360	·135	·039	·106
85 C.	Do.	4,480	·254	·075	·179
93/94 A.	Myrtle	2,240	·128	·020	·108
93/94 A.	Do.	3,360	·310	·088	·222
93/94 C.	Do.	2,240	·104	·013	·091
93/94 C.	Do.	3,360	·335	·076	·259
97 A.	White Gum	2,240	·136	·019	·117
97 A.	Do.	3,360	·197	·032	·165
369 A.	Tea Tree	2,240	·089	·014	·075
369 A.	Do.	3,360	·247	·062	·185
369 C.	Do.	2,240	·090	·011	·079
369 C.	Do.	3,360	·158	·055	·103
373 Cz.	Springy Bark	2,240	·058	·012	·046
373 Ca.	Do.	3,360	·078	·012	·066
373 Ca.	Do.	4,480	·102	·015	·087
373 Ca.	Do.	5,600	·138	·024	·114
373 Ca.	Do.	6,720	·198	·039	·159
373 Cc.	Do.	2,240	·074	·009	·065
373 Cc.	Do.	3,360	·104	·010	·094
373 Cc.	Do.	4,480	·141	·015	·126
374 A.	Blue Gum	2,240	·094	·007	·087
374 A.	Do.	3,360	·171	·027	·144
374 C.	Do.	2,240	·106	·009	·097
374 C.	Do.	3,360	·166	·027	·139
558 C.	Do.	2,240	·058	·014	·044
558 C.	Do.	3,360	·084	·016	·068
558 C.	Do.	4,480	·115	·021	·094
558 C.	Do.	5,600	·162	·031	·131
558 C.	Do.	6,720	·246	·062	·184
	TRINIDAD.				
155 A.	Tapana	2,240	·078	·0	·078
155 A.	- -	3,360	·120	·012	·108
155 A.	- - -	4,480	·282	·060	·222
166 A.	Soapnut Tree	2,240	·084	·004	·080
166 A.	- - -	3,360	·147	·014	·133
166 C.	Do.	2,240	·100	·001	·099
168 A.	Surette	2,240	·060	·0	·060
168 A.	Do.	3,360	·082	·003	·079
168 A.	Do.	4,480	·141	·018	·123
168 C.	Do.	2,240	·087	·004	·083
168 C.	Do.	3,360	·151	·018	·133
168 C.	Do.	4,480	·202	·028	·174
169 A.	Paraman	2,240	·098	·0	·098
169 A.	Do.	3,360	·191	·008	·183
169 C.	Do.	2,240	·121	·002	·119
171 A.	Galba	2,240	·096	·0	·096
171 A.	Do.	3,360	·192	·019	·173
171 A.	Do.	4,480	·174	·020	·154
171 C.	Do.	2,240	·117	·023	·094
171 C.	Do.	3,360	·213	·043	·170
185 A.	Noyer	2,240	·080	·0	·080
185 A.	Do.	3,360	·103	·001	·102
185 A.	Do.	4,480	·136	·008	·128
185 A.	Do.	5,600	·186	·018	·168
185 C.	Do.	2,240	·073	·001	·072
185 C.	Do.	3,360	·099	·003	·096
185 C.	Do.	4,480	·132	·009	·123
185 C.	Do.	5,600	·192	·020	·172
186 A.	Mango	2,240	·192	·021	·171
187 A.	Gomnier	2,240	·084	·001	·083
187 A.	Do.	3,360	·170	·020	·150
187 C.	Do.	2,240	·101	·0	·101
196 A.	Beef Wood	2,240	·074	·0	·074
196 A.	Do.	3,360	·104	·0	·104
196 A.	Do.	4,480	·154	·009	·145
198 A.	*Laurel*	2,240	·136	·009	·127
198 A.	Do.	3,360	·194	·023	·171

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	TRINIDAD.				
198 C.	Laurel	2,240	·097	·0	·097
198 C.	Do.	3,360	·224	·030	·194
200 A.	Laurier Canelle	2,240	·076	·0	·076
200 A.	Do.	3,360	·097	·001	·096
200 A.	Do.	4,480	·159	·014	·145
200 A.	Do.	5,600	·185	·016	·169
200 C.	Do.	2,240	·072	·002	·070
200 C.	Do.	3,360	·103	·008	·095
200 C.	Do.	4,480	·166	·015	·151
200 C.	Do.	5,600	·332	·060	·272
201 C.	Laurier Blanc	2,240	·094	·0	·094
201 C.	Do.	3,360	·169	·012	·157
201 A*a*.	Do.	2,240	·088	·0	·088
201 A*a*.	Do.	3,360	·190	·018	·172
206 A.	Bois de Fer	2,240	·114	·010	·104
206 A.	Do.	3,360	·221	·029	·192
206 A.	Do.	4,480	·207	·024	·183
206 C.	Do.	2,240	·128	·008	·120
206 C.	Do.	3,360	·296	·032	·264
207 A.	Cauto	2,240	·072	·0	·072
207 A.	Do.	3,360	·102	·0	·102
207 A.	Do.	4,480	·155	·007	·148
207 C.	Do.	2,240	·098	·006	·092
212 A.	Balsam Capivi	2,240	·141	·0	·141
212 A.	Do.	3,360	·245	·023	·222
214 A.	Savonette Jaune	2,240	·064	·0	·064
214 A.	Do.	3,360	·085	·003	·082
214 A.	Do.	4,480	·117	·008	·109
214 A.	Do.	5,600	·194	·022	·172
214 C.	Do.	2,240	·065	·0	·065
214 C.	Do.	3,360	·089	·002	·087
214 C.	Do.	4,480	·125	·006	·119
214 C.	Do.	5,600	·184	·016	·168
214 C.	Do.	6,720	·273	·032	·241
216 A.	Purple Heart	2,240	·052	·001	·051
	Do.	3,360			
216 A.	Do.	4,480	·093	·007	·086
	Do.	5,600			
216 A.	Do.	6,720	·150	·018	·132
217 A.	Locust	2,240	·060	·0	·060
217 A.	Do.	3,360	·086	·003	·083
217 A.	Do.	4,480	·113	·012	·101
217 A.	Do.	5,600	·153	·018	·135
217 A.	Do.	6,720	·203	·028	·175
218 A.	- -	2,240	·066	·0	·066
218 A.	- -	3,360	·084	·003	·081
218 A.	- -	4,480	·113	·009	·104
218 A.	- -	5,600	·168	·020	·148
218 C.	- -	2,240	·069	·0	·069
218 C.	- -	3,360	·090	·0	·090
218 C.	- -	4,480	·124	·008	·116
218 C.	- -	5,600	·205	·022	·183
219 A.	Tamarind	2,240	·127	·006	·121
219 A.	Do.	3,360	·178	·016	·162
219 C.	Do.	2,240	·105	·006	·099
219 C.	Do.	3,360	·143	·008	·135
220 A.	Casse	2,240	·100	·001	·099
220 A.	Do.	3,360	·140	·006	·134
220 A.	Do.	4,480	·198	·018	·180
221 A.	Guatamare	2,240	·055	·0	·055
221 A.	Do.	3,360	·072	·0	·072
221 A.	Do.	4,480	·090	·0	·090
221 A.	Do.	5,600	·110	·0	·110
221 A.	Do.	6,720	·137	·0	·137
221 A.	Do.	7,840	·175	·007	·168
221 A.	Do.	8,960	·225	·014	·211
222 A.	Bois Mulatre	2,240	·068	·0	·068
222 A.	Do.	3,360	·107	·001	·106
222 A.	Do.	4,480	·206	·012	·194
222 C.	Do.	2,240	·089	·007	·082
222 C.	Do.	3,360	·139	·018	·121
226 A.	Angelin	2,240	·091	·0	·091
226 A.	Do.	3,360	·122	·0	·122
226 A.	*Do.*	4,480	·167	·008	·159

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	TRINIDAD.				
226 A.	Angelin	5,600	·246	·022	·224
227 A.	Do.	2,240	·130	·003	·127
237 A.	- - - - - -	2,240	·066	·0	·066
237 A.	- - - - - -	3,360	·095	·0	·095
237 A.	- - - - - -	4,480	·136	·002	·134
237 A.	- - - - - -	5,600	·197	·016	·181
243 A.	Acoma or Mastic - - -	2,240	·064	·0	·064
243 A.	Do. - - - -	3,360	·082	·0	·082
243 A.	Do. - - - -	4,480	·107	002	·105
243 A.	Do. - - - -	5,600	·147	·006	·141
248 A.	Cypre - - - -	2,240	·115	·0	·115
248 A.	Do. - - - -	3,360	·260	·030	·230
248 C.	Do. - - - -	2,240	·115	·002	·113
257 B.	Poul - - - - -	2,240	·050	·008	·042
257 B.	Do. - - - -	3,360	·066	·010	·056
257 B.	Do. - - - -	4,480	·081	·016	·065
257 B.	Do. - - - -	6,720	·119	·016	·103
257 B.	Do. - - - -	7,840	·165	·022	·143
257 C.	Do. - - - -	2,240	·046	·010	·036
257 C.	Do. - - - -	4,480	·077	·010	·067
257 C.	Do. - - - -	6,720	·113	·012	·101
257 C.	Do. - - - -	7,840	·167	·026	·141
262 A.	Olivier - - - -	2,240	·072	·0	·072
262 A.	Do. - - - -	3,360	·101	·004	·097
262 A.	Do. - - - -	4,480	·143	·016	·127
262 C.	Do. - - - -	2,240	·075	·0	·075
262 C.	Do. - - - -	3,360	·114	·007	·107
262 C.	Do. - - - -	4,480	·155	·015	·140
262 C.	Do. - - - -	5,600	·254	·029	·225
265 A.	Red Mangrove - - -	2,240	·065	·0	·065
265 A.	Do. - - - -	3,360	·091	·0	·091
265 A.	Do. - - - -	4,480	·119	·008	·111
265 A.	Do. - - - -	5,600	·190	·025	·165
270 A.	Wild Guava - - -	2,240	·090	·0	·090
270 A.	Do. - - - -	3,360	·135	·007	·128
270 A.	Do. - - - -	4,480	·225	·024	·201
276 A.	Guatecare - - - -	2,240	·059	·0	·059
276 A.	Do. - - - -	3,360	·083	·0	·083
276 A.	Do. - - - -	4,480	·108	·001	·107
276 A.	Do. - - - -	5,600	·184	·015	·169
280 A.	Genipa - - - -	2,240	·106	·0	·106
280 A.	Do. - - - -	3,360	·158	·006	·152
280 A.	Do. - - - -	4,480	·270	·020	·250
280 C.	Do. - - - -	2,240	·119	·004	·115
280 C.	Do. - - - -	3,360	·191	·016	·175
280 C.	Do. - - - -	4,480	·348	·045	·303
	VICTORIA.				
1 A.	- - - - - -	2,240	·076	·0	·076
1 A.	- - - - - -	3,360	·110	·002	·108
1 A.	- - - - - -	4,480	·143	·008	·135
1 C.	- - - - - -	2,240	·086	·004	·082
1 C.	- - - - - -	3,360	·126	·010	·116
2 A.	- - - - - -	2,240	·082	·010	·072
2 A.	- - - - - -	3,360	·123	·017	·106
2 A.	- - - - - -	4,480	·186	·029	·157
2 A*a*.	- - - - - -	2,240	·111	·016	·095
2 A*a*.	- - - - - -	3,360	·168	·028	·140
2 A*c*.	- - - - - -	2,240	·114	·005	·109
2 A*c*.	- - - - - -	3,360	·165	·017	·148
2 C.	- - - - - -	2,240	·086	·007	·079
2 C.	- - - - - -	3,360	·148	·018	·130
2 C.	- - - - - -	4,480	·312	·050	·262
2	- - - - - -	2,240	·087	·006	·081
2	- - - - - -	3,360	·133	·018	·115
2	- - - - - -	2,240	·112	·012	·100
2	- - - - - -	3,360	·158	·024	·134
3 A.	- - - - - -	2,240	·083	·0	·083
3 A.	- - - - - -	3,360	·121	·005	·116
3 A.	- - - - - -	4,480	·204	·030	·174
6 A.	- - - - - -	2,240	·079	·0	·079
6 A.	- - - - - -	3,360	·117	·006	·111

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	VICTORIA.				
6 A.		4,480	·201	·028	·173
6 C.		2,240	·081	·022	·079
6 C.		3,360	·136	·015	·121
6 C.		4,480	·226	·027	·119
7 A.		2,240	·132	·006	·126
7 A.		3,360	·215	·034	·171
7 A.		4,480	·440	·108	·332
7 C.		2,240	·146	·008	·138
7 C.		3,360	·270	·040	·230
8 A.		2,240	·082	·0	·082
8 A.		3,360	·114	·004	·110
8 A.		4,480	·166	·017	·149
8 C.		2,240	·071	·0	·071
8 C.		3,360	·102	·005	·097
8 C.		4,480	·161	·022	·139
8 C.		5,600	·260	·048	·212
9 A.		2,240	·074	·0	·074
9 A.		3,360	·104	·004	·100
9 A.		4,480	·178	·020	·158
9 C.		2,240	·220	·041	·179
10 A.		2,240	·110	·009	·101
10 A.		3,360	·151	·019	·132
10 A.		4,480	·232	·042	·190
10 C.		2,240	·107	·006	·101
10 C.		3,360	·156	·012	·144
10 O.		2,240	·086	·004	·082
10 O.		3,360	·127	·008	·119
10 O.		4,480	·171	·018	·153
10		2,240	·096	·0	·096
10		3,360	·165	·016	·149
11 A.		2,240	·094	·008	·086
11 A.		3,360	·150	·018	·132
14 A.		2,240	·123	·017	·106
14 A.		3,360	·191	·033	·158
14 A.		2,240	·080	·003	·077
14 A.		3,360	·116	·010	·106
14 A.		4,480	·180	·024	·156
14 A*a*.		2,240	·127	·011	·116
14 A*a*.		3,360	·208	·035	·173
14 A*c*.		2,240	·194	·021	·173
14 C.		2,240	·088	·006	·082
14 C.		3,360	·130	·017	·113
14		2,240	·090	·018	·072
14		3,360	·125	·025	·100
14		4,480	·162	·034	·128
15 A.		2,240	·128	·007	·121
15 A.		3,360	·302	·047	·255
15 C.		2,240	·182	·013	·169
16 B.		2,240	·162	·009	·153
22 A.		2,240	·073	·0	·073
22 A.		3,360	·097	·0	·097
22 A.		4,480	·128	·004	·124
22 A.		5,600	·190	·017	·173
22 C.		2,240	·080	·001	·079
22 C.		3,360	·109	·005	·104
22 C.		4,480	·145	·014	·131
22 C.		5,600	·193	·027	·166
28 A.		2,240	·076	·003	·073
28 A.		3,360	·103	·010	·093
28 A.		4,480	·136	·018	·118
28 A.		5,600	·194	·028	·166
28 A.		2,240	·071	·0	·071
28 A.		3,360	·096	·005	·091
28 A.		4,480	·129	·010	·119
28 A.		5,600	·182	·022	·160
28 C.		2,240	·062	·0	·062
28 C.		3,360	·094	·007	·087
28 C.		4,480	·128	·014	·114
28 C.		5,600	·168	·022	·146
29 A.		2,240	·082	·004	·078
29 A.		3,360	·115	·009	·104
29 A.		4,480	·169	·020	·149
29 A.		2,240	·089	·007	·082

TABLE VIII.—*continued.*

No. of Specimen.	Local Name.	Weight applied in lbs.	Deflection.	Permanent Set.	Recovery from Deflection on Removal of Strain.
	VICTORIA.				
29 A.	- - - - - -	3,360	·128	·014	·114
29 A.	- - - - - -	4,480	·192	·023	·169
29 A*a*.	- - - - - -	2,240	·082	·0	·082
29 A*a*.	- - - - - -	3,360	·133	·0	·133
29 A*a*.	- - - - - -	4,480	·306	·0	·306
29 A*c*.	- - - - - -	2,240	·082	·0	·082
29 A*c*.	- - - - - -	3,360	·122	·006	·116
29 A*c*.	- - - - - -	4,480	·183	·022	·161
29 C.	- - - - - -	2,240	·103	·008	·095
31 A.	- - - - - -	2,240	·147	·002	·145
33 A.	- - - - - -	2,240	·114	·013	·101
33 B.	- - - - - -	2,240	·107	·0	·107
33 B.	- - - - - -	3,360	·167	·029	·138
33 C.	- - - - - -	2,240	·110	·007	·103
34 A.	- - - - - -	2,240	·085	·003	·082
34 A.	- - - - - -	3,360	·120	·008	·112
34 A.	- - - - - -	4,480	·180	·020	·160
34 C.	- - - - - -	2,240	·090	·0	·090
34 C.	- - - - - -	3,360	·128	·006	·122
34 C.	- - - - - -	4,480	·182	·019	·163
35 A.	- - - - - -	2,240	·108	·018	·090
35 C.	- - - - - -	2,240	·137	·022	·115
36 A.	- - - - - -	2,240	·158	·018	·140
36 C.	- - - - - -	2,240	·154	·017	·137
38 A.	- - - - - -	2,240	·119	·015	·104
38 A.	- - - - - -	3,360	·215	·034	·181
38 C.	- - - - - -	2,240	·093	·003	·090
38 C.	- - - - - -	3,360	·141	·010	·131
38 C.	- - - - - -	4,480	·239	·034	·205
39 A*c*.	- - - - - -	2,240	·303	·070	·233
39 A*d*.	- - - - - -	2,240	·227	·064	·163
39 C.	- - - - - -	2,240	·243	·062	·181
40 A.	- - - - - -	2,240	·230	·034	·196
40 C.	- - - - - -	2,240	·223	·029	·194
42 A.	- - - - - -	2,240	·081	·006	·075
42 A.	- - - - - -	3,360	·126	·013	·113
42 A.	- - - - - -	4,480	·222	·028	·194
42 A*a*.	- - - - - -	2,240	·086	·006	·080
42 A*a*.	- - - - - -	3,360	·126	·019	·107
42 A*a*.	- - - - - -	4,480	·249	·055	·194
42 A*c*.	- - - - - -	2,240	·096	·006	·090
42 A*c*.	- - - - - -	3,360	·150	·016	·134
42 A*c*.	- - - - - -	4,480	·282	·038	·244
42 C.	- - - - - -	2,240	·079	·008	·071
42 C.	- - - - - -	3,360	·118	·018	·100
42 C.	- - - - - -	4,480	·198	·032	·166
43 A.	- - - - - -	2,240	·110	·013	·097
43 A.	- - - - - -	3,360	·171	·028	·143
43 C.	- - - - - -	2,240	·133	·012	·121
43 C.	- - - - - -	3,360	·204	·043	·161
45 A.	- - - - - -	2,240	·110	·017	·093
45 A.	- - - - - -	3,360	·287	·067	·220
45 C.	- - - - - -	2,240	·086	·013	·073
45 C.	- - - - - -	3,360	·164	·032	·132

TABLE IX.—SUMMARY OF TABLES.

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water being 1·000.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
20 A.	Pinus Picea	Austria	0·408	10	784	13	..	..	..	..	..	..	..	..	..	..	..	..
20 B.	Do.	Do.	,,	,,	1,036	,,	..	..	..	..	..	..	..	..	..	..	..	..
20 C.	Do.	Do.	,,	,,	1,764	,,	..	..	..	..	..	..	..	..	..	..	..	..
20 D.	Do.	Do.	,,	,,	1,083	,,	..	..	..	..	..	..	..	..	..	..	..	..
21 A.	Do.	Do.	0·420	,,	1,717	,,	..	..	..	..	..	..	..	..	..	..	..	..
21 B	Do.	Do.	,,	,,	1,484	,,	..	..	..	..	..	..	..	..	..	..	..	..
21 C.	Do.	Do.	,,	,,	1,904	,,	..	..	..	..	..	..	..	..	..	..	..	..
22 A.	Pinus Abies	Do.	0·423	,,	1,680	,,	..	..	..	..	..	..	..	..	..	..	..	..
22 B.	Do.	Do.	,,	,,	1,680	,,	..	..	..	..	..	..	..	..	..	..	..	..
22 C.	Do.	Do.	,,	,,	2,128	,,	..	..	..	..	..	..	..	..	..	..	..	..
22 D.	Do.	Do.	,,	,,	1,908	,,	..	..	..	..	..	..	..	..	..	..	..	..
24 A.	Do.	Do.	0·427	,,	2,240	,,	2,284	80	..	..	..	..	..	..	..	..	..	..
24 B.	Do.	Do.	,,	,,	2,184	,,	,,	,,	..	..	..	..	..	..	..	..	..	..
24 A*a*.	Do.	Do.	,,	,,	4,396	,,	,,	,,	..	..	..	..	..	..	..	..	..	..
24 A*b*.	Do.	Do.	,,	,,	4,480	,,	,,	,,	..	..	..	..	..	..	..	..	..	..
4 A.	Monkey Nut	British Guiana	0·992	3	5,040	13	4,780	76	7,840	81	7,707	137	4,312	145	4,533	207	..	..
4 B.	Do.	Do.	,,	,,	4,928	,,	,,	,,	8,400	,,	,,	,,	4,331	,,	,,	,,		..
4 C.	Do.	Do.	,,	,,	4,340	,,	,,	,,	7,616	,,	,,	,,	4,452	,,	,,	,,	..	..
4 D.	Do.	Do.	,,	,,	4,480	,,	,,	,,	6,972	,,	,,	,,	5,040	,,	,,	,,	..	..
5 A.	Kakarilli	Do.	0·774	7	4,480	,,	4,312	77	8,792	,,	8,862	135	1,904	,,	1,904	210	..	213
5 B.	Do.	Do.	,,	,,	3,360	,,	,,	,,	8,932	,,	,,	,,			No result.			
7 A.	Moraballi or Moorabalii.	Do.	0·835	6	4,088	,,	4,327	76	7,131	,,	7,401	138	10,080	145	4,533	210	..	,,
7 B.	Do.	Do.	,,	,,	4,088	,,	,,	,,	7,653	82	,,	,,	6,356	,,	,,	,,	..	,,
7 C.	Do.	Do.	,,	,,	4,648	,,	,,	,,	7,429	,,	,,	,,	5,413	,,	,,	,,	..	,,
7 D.	Do.	Do.	,,	,,	3,808	,,	,,	,,	7,392	,,	,,	,,	10,080	,,	,,	,,	..	,,
14 A.	Houbaballi	Do.	0·715	8	2,884	,,	2,373	79	7,877	,,	7,516	,,	4,032	146	2,310	,,	..	,,
14 B.	Do.	Do.	,,	,,	2,128	,,	,,	,,	7,392	,,	,,	,,	1,568	,,	,,	,,	..	,,
14 C.	Do.	Do.	,,	,,	2,632	,,	,,	,,	7,280	,,	,,	,,	2,520	,,	,,	,,	..	,,
14 D.	Do.	Do.	,,	,,	1,848	,,	,,	,,	7,728	,,	,,	,,	1,120	,,	,,	,,	..	..
15 A.	Mora	Do.	0·961	4	..	..	..	..	8,848	,,	9,020	135	4,452	,,	5,782	205	..	..
	Do.	Do.	,,	,,	4,928	,,	2,373	75	9,352	,,	,,	,,	3,696	,,	,,	,,	..	213

TABLE IX.—*continued.*

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water being 1·000.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
15 C.	Mora - -	British Guiana -	0·961	4	4,704	13	4,788	75	9,996	82	9,020	135	4,900	146	5,782	205	..	213
15 D.	Do. - -	Do. - -	„	„	4,732	„	„	„	8,885	„	„	„	10,080	„	„	„	..	„
16 A.	Burneh, Bully, or Bullet Tree.	Do. - -	1·062	2	8,288	„	7,903	72	12,040	„	11,722	134	3,612	„	3,572	209	..	„
16 B.	Do. - -	Do. - -	„	„	7,224	„	„	„	12,171	„	„	„	3,864	„	„	„	..	„
16 C.	Do. - -	Do. - -	„	„	8,904	„	„	„	12,152	„	„	„	3,752	„	„	„	..	„
16 D.	Do. - -	Do. - -	„	„	7,196	„	„	„	10,528	„	„	„	3,061	„	„	„	..	„
18 A.	Caraba or Crab Wood.	Do. - -	0·719	8	4,928	„	4,219	77	8,652	„	7,217	138	4,144	„	5,201	206	..	„
18 B.	Do. - -	Do. - -	„	„	4,536	„	„	„	7,205	„	„	„	4,853	„	„	„	..	„
18 C.	Do. - -	Do. - -	„	„	3,192	„	„	„	5,796	„	„	„	6,608	„	„	„	..	„
20 A.	Cumara or Tonka -	Do. - -	..	..	..	..	8,116	72	10,341	„	12,212	134	5,563	„	5,639	„	..	„
20 B.	Do. - -	Do. - -	..	..	7,616	13	„	„	13,216	„	„	„	5,404	„	„	„	..	„
20 C.	Do. - -	Do. - -	..	..	7,784	„	„	„	13,272	„	„	„	6,496	„	„	„	..	„
20 D.	Do. - -	Do. - -	..	..	7,672	„	„	„	12,021	„	„	„	5,096	„	„	„	..	„
26 A.	Sipiri or Greenheart	Do. - -	1·060	2	8,811	„	7,363	„	..	..	..	..	..	..	..	..	..	„
26 B.	Do. - -	Do. - -	„	„	5,600	„	„	„	..	..	..	..	..	..	..	..	..	„
26 C.	Do. - -	Do. - -	„	„	5,525	„	„	„	..	..	..	..	..	..	..	..	..	„
26 D.	Do. - -	Do. - -	„	„	8,596	„	„	„	..	..	..	..	..	..	..	..	..	„
26 *Aa. Ab.*	Do. - -	Do. - -	„	„	6,328	„	„	„	..	..	..	..	..	..	..	..	..	„
26 *Ac.*	Do. - -	Do. - -	„	„	8,540	„	„	„	..	..	..	..	..	..	..	..	..	„
26 *Ad.*	Do. - -	Do. - -	„	„	5,978	„	„	„	..	..	..	..	..	..	..	..	..	„
29 A.	Hitchia - -	Do. - -	0·712	8	4,004	„	3,672	78	8,288	82	8,289	136	1,792	146	1,792	211	..	„
29 B.	Do. - -	Do. - -	„	„	3,556	„	„	„	..	..	..	..	..	..	..	..	..	„
29 C.	Do. - -	Do. - -	„	„	3,192	„	„	„	..	..	..	..	..	..	..	..	..	„
1 A.	Siricote - -	British Honduras	1·037	2	5,656	15	4,928	75	5,572	83	5,600	141	10,080	147	6,785	204	..	214
1 B.	Do. - -	Do. - -	„	„	3,976	„	„	„	5,346	„	„	„	8,661	„	„	„	..	„
1 C.	Do. - -	Do. - -	„	„	5,152	„	„	„	5,880	„	„	„	8,400	„	„	„	..	„
2 A.	Cranadilla - -	Do. - -	1·087	„	8,008	„	7,904	72	11,648	„	12,278	134	5,544	„	5,548	206	..	„
2 B.	Do. - -	Do. - -	„	„	7,980	„	„	„	12,908	„	„	„	5,152	„	„	„	..	„
3 A.	Chicheur - -	Do. - -	1·071	„	2,744	„	„	„	4,928	„	6,332	140	..	..	„	„	..	„
3 B.	Do. - -	Do. - -	„	„	4,256	„	„	„	6,888	„	„	„	6,272	147	7,802	204	..	„

3 C.	*Do.*	*Do.*		"	"	4,004	"	"	"	6,421	"	"	"	10,080	"	"	"	..	"
3 D.	Do.	Do.		"	"	4,200	"	"	"	7,093	"	"	"	7,056	"	"	"	..	"
4 A.	Canasin	Do.		1·124	1	9,856	"	9,828	"	15,531	"	15,339	134	5,264	"	5,054	206	..	"
4 B.	Do.	Do.		"	"	9,800	"	"	"	15,148	"	"	"	4,844	"	"	"	..	"
6 A.	Chucxax	Do.		0·901	5	5,516	"	"	"	6,944	"	6,944	139	6,272	"	6,272	205	..	"
8 A.	Pimento	Do.		1·080	2	6,440	"	"	"	8,940	"	8,940	135	3,332	"	3,332	209	..	"
9 A.	Santa Martia	Do.		0·806	6	2,968	"	3,164	78	5,460	"	5,110	142	2,464	"	6,272	205	..	"
9 B.	Do.	Do.		"	"	3,360	"	"	"	4,760	"	"	"	10,080	"	"	"	..	"
10 A.	Pasak	Do.		0·470	10	1,792	"	"	"	..	..	..	..	..	..	..	..	..	"
10 B.	Do.	Do.		"	"	1,829	"	"	"	..	..	..	..	..	..	..	..	..	"
11 A.	Chucya	Do.		1·026	3	5,348	"	5,348	75	7,196	83	7,196	138	10,080	147	10,080	202	..	"
13 A.	Bullet Wood	Do.		1·230	1	5,600	"	6,412	73	9,968	"	10,080	134	4,592	"	5,194	206	..	"
13 B.	Do.	Do.		"	"	7,224	"	"	"	10,192	"	"	"	5,796	"	"	"	..	"
14 A.	Tastab	Do.		0·948	4	5,600	"	5,460	74	8,848	"	8,834	136	5,544	"	7,196	204	..	"
14 B.	Do.	Do.		"	"	5,320	"	"	"	8,820	"	"	"	8,848	"	"	"	..	"
15 A.	Mabinjuh or Mabinjuj.	Do.		0·861	6	5,712	"	5,712	"	7,784	"	7,784	137	2,576	"	2,576	210	..	"
16 A.	Subin or Cubin	Do.		1·053	2	5,600	"	5,334	75	7,476	"	7,396	138	5,376	"	5,861	205	..	"
16 B.	Do.	Do.		"	"	5,068	"	"	"	7,317	"	"	"	6,347	"	"	"	..	"
17 A.	Sapodilla	Do.		1·204	1	6,384	"	6,384	73	8,204	"	8,204	137	4,256	"	4,256	207	..	"
18 A.	Kaskat	Do.		0·884	5	6,608	"	6,608	"	6,216	"	6,216	140	4,368	148	4,368	"	..	"
21 A.	Caoutchouc	Do.		1·192	1	7,504	"	7,224	72	11,424	"	7,853	137	6,309	"	5,231	206	..	"
21 B.	Do.	Do.		"	"	8,904	"	"	"	11,928	"	"	"	6,300	"	"	"	..	"
21 C.	Do.	Do.		"	"	6,552	"	7,224	"	9,996	"	"	"	4,368	"	"	"	..	"
21 D.	Do.	Do.		"	"	5,936	"	"	"	8,064	84	"	"	3,948	"	"	"	..	"
22 A.	Yaxnic	Do.		0·695	8	3,164	"	2,758	79	4,704	"	4,872	142	9,520	"	9,800	203	..	"
22 B.	Do.	Do.		"	"	2,352	"	"	"	5,040	"	"	"	10,080	"	"	"	..	"
23 A.	Do. or Yaxnig	Do.		0·702	"	3,752	"	3,752	77	6,421	"	6,421	140	"	"	10,080	202	..	"
25 A.	Roble Blanco	Do.		0·884	5	5,780	"	5,780	75	6,571	"	6,571	139	9,520	"	9,520	203	..	"
1 A.	Halmolilli	Ceylon		0·935	4	3,360	"	3,360	78	..	..	..	..	..	..	..	..	..	..
2 A.	Iron or Beef Wood	Do.		1·157	1	7,616	"	7,616	72	..	..	..	..	..	..	..	..	..	..
3 A.	Taming	Do.		0·878	5	4,844	"	4,844	76	..	..	..	..	..	..	..	..	..	..
4 A.	Satin Wood	Do.		0·891	"	5,096	"	5,096	75	..	..	..	..	..	..	..	..	..	..
23 A.	Samak, or Sumach, or Divi-Divi Bark	East India		0·770	7	3,080	"	3,220	78	6,104	84	6,076	140	10,080	148	9,800	203	..	214
23 B.	Do.	Do.		"	"	3,360	"	"	"	6,048	"	"	"	9,520	"	"	"	..	"
30 A.	-	Do.		..	..	..	15	..	..	7,728	"	7,690	137	2,800	"	2,613	210	..	"
30 B.	-	Do.		..	..	..	..	..	..	7,616	"	"	"	2,464	"	"	"	..	"
30 C.	-	Do.		..	..	..	..	..	..	7,728	"	"	"	2,576	"	"	"	..	"
75 A.	Mungkudu	Do.		0·623	9	2,240	..	2,184	80	3,920	"	4,069	142	6,048	149	5,550	206	..	..
75 B.	Do.	Do.		"	"	2,016	"	"	"	4,144	"	"	"	5,115	"	"	"	..	"
75 C.	Do.	Do.		"	"	2,296	"	"	"	4,144	"	"	"	5,488	"	"	"	..	"
72 A.	-	Do.		..	..	..	..	..	..	4,928	"	5,096	"	10,030	"	7,674	204	..	"

TABLE IX.—*continued.*

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water being 1·000.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
72 B.	- - -	East Indies -	..	..	..	..	..	..	5,600	84	5,096	142	2,912	148	7,674	204	..	214
72 C.	- - -	Do. - -	..	..	..	..	..	..	4,760	,,	,,	,,	10,080	,,	,,	,,	..	,,
80 A.	- - -	Do. - -	..	..	..	..	..	..	13,356	,,	13,118	134	4,741	,,	5,156	206	..	,,
80 B.	- - -	Do. - -	..	..	..	..	..	..	12,880	,,	,,	,,	5,572	,,	,,	,,	..	,,
86 A.	Woodunpar -	Do. - -	0·689	8	4,200	15	4,060	77	8,036	,,	7,798	137	2,716	,,	2,646	210	..	,,
86 B.	Do. - -	Do. - -	,,	,,	3,920	,,	,,	,,	7,560	,,	,,	,,	2,576	,,	,,	,,	..	,,
104 A.	- - -	Do. - -	..	..	..	..	..	..	8,773	,,	9,457	135	3,248	,,	3,564	209	..	,,
104 B.	- - -	Do. - -	..	..	..	..	..	..	9,744	,,	,,	,,	3,880	,,	,,	,,	..	,,
10 C.	- - -	Do. - -	..	..	..	..	..	..	9,856	,,	,,	,,	,,	,,	,,	,,	..	,,
140 A.	Sandal Wood -	Do. - -	0·885	5	6,440	17	7,028	73	..	..	..	..	..	..	..	..	..	215
140 B.	Do. - -	Do. - -	,,	,,	7,616	,,	,,	,,	10,360	85	10,360	134	6,048	149	6,048	205	..	,,
144 A.	Bengha - -	Do. - -	0·779	7	4,396	,,	4,396	76	8,092	,,	8,092	137	3,696	,,	3,696	208	..	,,
145 A.	Bou - -	Do. - -	0·962	4	4,732	,,	4,732	,,	..	..	..	..	..	..	..	..	..	,,
147 A.	Terrubah -	Do. - -	1·026	3	6,608	,,	6,608	73	9,968	85	9,968	135	2,800	149	2,800	206	..	,,
185 A.	Blackwood -	Do. - -	0·813	6	5,600	,,	5,600	74	9,296	,,	9,296	135	3,696	,,	3,696	208	..	,,
1,214 A.	Doodhee -	Do. - -	0·690	8	2,800	,,	2,800	79	5,488	,,	5,488	141	3,920	,,	3,920	208	..	,,
1,215 A.	Karee - -	Do. - -	0·820	6	3,360	,,	3,360	78	6,272	,,	6,272	141	4,592	,,	4,592	207	..	,,
1,219 A.	Toon - -	Do. - -	0·540	11	3,080	,,	3,080	79	..	..	..	..	..	..	..	..	..	,,
1,220 A.	Unjun - -	Do. - -	1·043	2	5,376	,,	5,390	74	9,408	85	9,016	135	5,544	149	5,548	206	..	,,
1,220 B.	Do. - -	Do. - -	,,	,,	5,404	,,	,,	..	8,624	,,	,,	,,	5,152	,,	,,	,,	..	,,
1,771 A.	Toon - -	Do. - -	0·305	11	1,157	,,	1,157	..	..	..	..	..	..	..	..	..	..	,,
1,772 A.	Chump - -	Do. - -	0·540	11	3,360	,,	3,360	78	..	..	..	..	..	..	..	..	..	,,
2,345 A.	Tenasserim Mahogany.	Do. - -	1·026	3	7,616	,,	7,616	72	12,880	85	12,880	134	4,405	150	4,405	207	..	,,
2,462 A.	Balou - -	Do. - -	..	..	7,504	,,	7,700	72	..	..	..	..	..	..	..	..	..	,,
2,462 B.	Do. - -	Do. - -	..	..	7,896	,,	,,	72	..	..	..	..	..	..	..	..	..	,,
2,465 A.	Maraborr - -	Do. - -	0·830	6	4,396	,,	4,396	76	8,960	85	8,960	135	1,848	150	1,848	210	..	,,
2,468 A.	Pannaga - -	Do. - -	1·148	1	8,960	,,	8,960	72	13,300	,,	13,300	134	3,621	,,	3,621	208	..	,,
2,470 A.	Klat Mera - -	Do. - -	0·756	7	4,480	,,	4,480	76	7,504	,,	7,504	138	1,232	,,	1,232	211	..	,,
2,471 A.	Kasso - -	Do. - -	1·033	2	8,848	,,	8,848	72	13,216	,,	13,216	134	2,987	,,	2,987	209	..	,,
2,474 A.	Brombong - -	Do. - -	0·756	7	5,096	,,	5,096	74	8,764	,,	8,764	136	1,960	,,	1,960	210	..	,,
2,476 A.	Marsarra - -	Do. - -	0·678	9	3,416	,,	3,416	78	7,000	,,	7,000	139	1,204	,,	1,204	211	..	,,
2,488 A.	Madang Saraga Baytoo.	Do. - -	0·621	10	3,528	,,	3,528	78	6,048	,,	6,048	140	10,080	,,	10,080	202	..	,,

2,490 A.	Niatoo - -	Do. - -	0·499	11	2,464	"	2,464	79	5,264	"	5,264	141	10,080	"	10,080	"	..	"
2,493 A.	Klaydang - -	Do. - -	0·682	9	4,536	"	4,536	76	1,286	86	9,286	135	1,232	"	1,232	210	..	"
3,948 A.	Siris - -	Do. - -	0·668	9	3,248	"	3,248	78	6,533	"	6,533	139	10,080	"	10,080	202	..	"
3,949 A.	Hurdoo - -	Do. - -	0·648	10	3,136	"	3,136	78	7,056	"	7,056	138	10,080	"	10,080	"	..	"
3,950 A.	Kaim - -	Do. - -	0·770	7	2,800	"	2,800	79	6,384	"	6,384	140	2,800	"	2,800	209	..	"
3,951 A.	Pindra - -	Do. - -	0·846	6	4,424	"	4,424	76	6,720	"	6,720	139	6,160	"	6,160	205	..	"
3,952 A.	Iymungul - -	Do. - -	0·797	7	5,264	"	5,264	75	9,035	"	9,035	135	10,080	151	10,080	202	..	"
3,953 A.	Rohnee - -	Do. - -	1·069	2	5,012	"	5,012	75	6,664	"	6,664	139	6,832	"	6,832	204	..	"
3,954 A.	Londya - -	Do. - -	0·759	7	3,752	"	3,752	77	6,328	"	6,328	140	1,456	"	1,456	211	..	"
3,955 A.	Kardahee - -	Do. - -	0·817	6	4,424	"	4,424	76	6,688	"	6,688	139	3,248	"	3,248	209	..	"
3,956 A.	Taman - -	Do. - -	0·729	8	3,640	"	3,640	78	6,972	"	6,972	139	10,080	"	10,080	202	..	"
3,957 A.	Tine or Sisso -	Do. - -	..	..	3,780	"	3,780	77	6,608	"	6,608	139	6,048	"	6,048	205	..	"
3,961 A.	Mowah - -	Do. - -	1·013	3	4,704	"	4,704	76	7,317	"	7,317	138	6,720	"	6,720	204	..	"
4,657 A.	Seba Sagoon, Teak	Do. - -	0·601	9	3 192	"	3,192	78	6,160	"	6,160	140	2,464	"	2,464	210	..	"
4,658 A.	Putteerees Sagoon-	Do. - -	0·678	8	3,976	"	3,976	77	7,765	"	7,765	137	2,165	"	2,165	210	..	"
4,659 A.	Doodhea Sagoon -	Do. - -	0·664	8	3,864	"	3,864	77	6,272	"	6,272	138	2,716	"	2,716	210	..	"
4,660 A.	Surreye - -	Do. - -	0·911	5	4,984	"	4,984	75	8,699	"	8,699	136	2,912	"	2,912	209	..	"
4,661 A.	Iroomrassee -	Do. - -	0·729	..	4,088	"	4,088	77	7,131	"	7,131	138	4,181	"	4,181	208	..	"
4,662 A.	Dhengun - -	Do. - -	0·791	7	5,096	"	5,096	75	7,420	"	7,420	138	2,688	"	2,688	210	..	"
4,663 A.	Saj - - -	Do. - -	0·837	6	2,912	"	2,912	79	4,144	"	4,144	142	6,664	"	6,664	205	..	"
4,664 A.	Beejah - -	Do. - -	0·803	6	5,376	"	5,376	74	9,856	"	9,856	135	3,248	"	3,248	209	..	"
4,665 A.	Kowah - -	Do. - -	0·996	3	4,928	"	4,928	75	5,096	"	5,096	142	7,504	"	7,504	204	..	216
4,666 A.	Ghattoo - -	Do. - -	0·820	6	2,464	"	2,464	79	6,197	"	6,197	140	3,864	152	3,864	208	..	"
4,667 A.	Trosum - -	Do. - -	0·770	7	3,808	"	3,808	77	5,572	"	5,572	141	10,080	"	10,080	202	..	"
4,668 A.	Dhowrah - -	Do. - -	0·881	5	6,440	"	6,440	73	8,344	"	8,344	136	3,556	"	3,556	209	..	"
4,670 A.	Bher - -	Do. - -	0·574	9	2,576	"	2,576	79	4,181	"	4,181	142	10,080	"	10,080	202	..	"
4,671 A.	Bauhul - -	Do. - -	0·864	5	5,992	"	5,992	74	9,072	"	9,072	135	10,080	"	10,080	202	..	"
4,672 A.	Khumee - -	Do. - -	0·542	9	2,856	"	2,856	79	5,040	"	5,040	142	6,384	"	6,384	205	..	"
4,754 A.	Ironwood - -	Do. - -	1·104	2	9,632	"	9,254	72	12,824	"	10,724	134	3,556	"	3,776	208	..	"
4,754 B.	Do. - -	Do. - -	..	..	8,876	"	..	72	8,624	"	..	134	3,995	"	..	..	..	"
5,597 A.	Gurinja - -	Do. - -	0·641	9	3,416	"	3,416	78	13,272	"	13,272	134	2,828	"	2,828	209	..	"
5,598 A.	Sâl - - -	Do. - -	0·884	5	6,720	"	6,720	73	6,048	"	6,048	140	1,932	"	1,932	210	..	"
5,599 A.	Teak Sagoon -	Do. - -	0·695	8	4,032	"	4,032	77	6,571	"	6,571	139	2,725	"	2,725	209	..	"
5,600 A.	Sisso, black -	Do. - -	0·790	7	7,728	"	7,728	72	10,584	"	10,584	134	3,556	"	3,556	209	..	"
5,601 A.	Burdur - -	Do. - -	0·844	6	5,712	"	5,712	74	8,549	"	8,549	135	6,664	"	6,664	205	..	"
5,602 A.	Abloos or Kândoo -	Do. - -	1·080	2	6,048	"	6,048	74	8,960	87	8,960	135	9,968	"	9,968	203	..	"
5,603 A.	Assân - -	Do. - -	1·087	2	3,976	"	3,976	77	7,532	"	7,532	138	7,252	"	7,252	204	..	"
5,604 A.	Gumbaree - -	Do. - -	0·664	8	3,584	"	3,584	78	6,608	"	6,608	139	4,480	"	4,480	207	..	"
5,605 A.	Jack Punsee -	Do. - -	0·621	9	1,848	"	1,848	..	5,152	"	5,152	142	10,080	"	10,080	202	..	"
5,606 A.	Red Sissoo -	Do. - -	0·864	6	6,216	"	6,216	73	8,932	"	8,932	135	5,432	"	5,432	206	..	"
5,607 A.	Peasal - -	Do. - -	0·793	7	5,600	"	5,600	74	11,816	"	11,816	134	5,175	"	5,175	206	..	"
5,608 A.	Koozoom - -	Do. - -	0·709	8	4,256	19	4,256	77	7,616	"	7,616	137	2,352	"	2,352	210	..	"
5,609 A.	Keehar - -	Do. - -	1·060	2	5,432	"	5,432	74	9,184	"	9,184	135	5,264	"	5,264	206	..	"
5,610 A.	Koozoom - -	Do. - -	0·965	4	5,824	"	5,824	74	7,784	"	7,784	137	3,892	"	3,892	208	..	"
6,542 A.	Kokoh - -	Do. - -	0·662	8	4,760	"	4,760	76	6,608	"	6,608	139	10,080	"	10,080	202	..	"

TABLE IX.—*continued.*

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water being 1·000.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
6,544 A.	Pouktheuma-Meyck-Kyouk.	East India -	0·630	9	1,904	19	1,904	..	4,788	87	4,788	142	..	..	..	..	..	216
6,545 A.	Tounkatseet - -	Do. - -	0·779	7	2,800	,,	2,800	79	4,704	,,	4,704	142	10,080	152	10,080	202	..	,,
6,547 A.	Khyong-yook -	Do. - -	0·675	8	3,948	,,	3,948	77	6,384	,,	6,384	140	10,080	,,	10,080	202	..	,,
6,548 A.	Nabhay - -	Do. - -	0·689	8	4,312	,,	4,312	77	6,720	,,	6,720	139	1,829	,,	1,829	210	..	,,
6,549 A.	Titseim - -	Do. - -	0·596	9	2,352	,,	2,352	79	3,845	,,	3,845	142	5,208	,,	5,208	206	..	,,
6,550 A.	Pangah - -	Do. - -	0·776	7	4,480	,,	4,480	76	7,243	,,	7,243	138	2,128	,,	2,128	210	..	,,
6,551 A.	Lein - -	Do. - -	0·662	8	3,192	,,	3,192	78	6,683	,,	6,683	139	1,988	,,	1,988	210	..	,,
7,064 A.	Jurai - -	Do. - -	0·472	11	1,979	,,	1,979	..	..	..	..	..	..	..	..	..	..	,,
7,065 A.	Gaham Bada -	Do. - -	0·852	6	5,600	,,	5,600	..	9,940	87	9,940	135	6,304	152	6,304	205	..	,,
7,066 A.	Rungas - -	Do. - -	0·731	8	3,976	,,	3,976	77	8,680	,,	8,680	136	..	..	..	..	..	,,
7,067 A.	Bia-babi - -	Do. - -	0·852	6	5,852	,,	5,852	..	9,744	,,	9,744	135	2,203	152	2,203	210	..	,,
7,070 A.	Bahkoh - -	Do. - -	0·413	10	1,512	,,	1,512	..	..	..	..	..	..	..	..	..	..	217
7,071 A.	Murbow - -	Do. - -	0·871	5	5,012	,,	5,012	75	8,848	87	8,848	135	2,352	154	2,352	210	..	,,
7,072 A.	Klat - -	Do. - -	0·742	7	4,256	,,	4,256	..	7,728	,,	7,728	137	928	,,	928	211	..	,,
7,075 A.	Jermalang -	Do. - -	0·678	8	4,312	,,	4,312	76	5,796	,,	5,796	141	3,920	,,	3,920	208	..	,,
7,077 A.	Sittola - -	Do. - -	0·507	10	2,912	,,	2,912	..	4,760	,,	4,760	142	7,765	,,	7,765	204	..	,,
7,086 A.	Dammer-laut -	Do. - -	0·837	6	6,020	,,	6,020	74	9,576	,,	9,576	135	1,680	,,	1,680	211	..	,,
7,089 A.	Bintaling - -	Do. - -	0·868	5	5,376	,,	5,376	74	..	..	..	..	2,576	,,	2,576	210	..	,,
7,090 A.	Kumpas - -	Do. - -	0·701	8	4,564	,,	4,564	76	6,683	87	6,683	139	10,080	,,	10,080	202	..	,,
7,092 A.	Madang Serai -	Do. - -	0·732	8	4,172	,,	4,172	..	7,840	,,	7,840	137	..	..	..	..	..	217
7,093 A.	Gading Gading -	Do. - -	0·894	5	7,700	,,	7,700	72	8,960	88	8,960	135	5,208	154	5,208	206	..	,,
7,234 A.	- - -	Do. - -	..	..	..	..	..	..	5,936	,,	5,936	140	3,808	,,	6,062	205	..	,,
7,234 B.	- - -	Do. - -	..	..	..	..	..	..	,,	,,	,,	,,	8,316	,,	,,	,,	..	,,
7,514 A.	Sakhoo - -	Do. - -	0·905	5	4,424	19	4,319	76	7,477	,,	8,050	137	2,240	,,	2,128	210	..	,,
7,514 B.	Do. - -	Do. - -	,,	,,	4,256	,,	,,	,,	8,624	,,	,,	,,	2,016	,,	,,	,,	..	,,
7,515 A.	- - -	Do. - -	0·705	8	..	..	..	..	5,796	,,	5,796	141	10,080	,,	10,080	202	..	,,
7,517 A.	Toon - -	Do. - -	0·623	9	3,584	19	3,584	78	5,880	,,	5,880	,,	,,	,,	,,	,,	..	,,
7,520 A.	- - -	Do. - -	1·040	2	..	..	..	..	7,364	,,	7,364	138	4,368	,,	4,368	207	..	,,
7,522 A.	Arar - -	Do. - -	0·459	10	1,456	19	1,456	78	..	..	..	..	..	155	..	..	..	,,
7,524 A.	Kaitha - -	Do. - -	0·661	9	2,296	,,	2,296	80	6,160	88	6,160	140	4,368	,,	4,368	207	..	,,
7,525 A.	Aum - -	Do. - -	0·506	10	2,128	,,	2,128	,,	..	..	..	..	..	,,	..	..	..	,,
7,527 A.	Neem - -	Do. - -	0·716	8	2,520	,,	2,520	79	5,376	88	5,376	141	3,612	,,	3,612	209	..	,,
7,529 A.	Asna or Asan -	Do. - -	0·844	6	4,760	,,	4,760	76	7,056	,,	7,056	138	..	..	..	..	..	,,

3 C.	Do. - -	Do. - -	„	„	4,004	„	„	„	6,421	„	„	„	10,080	„	„	„	..	„
3 D.	Do. - -	Do. - -	„	„	4,200	„	„	„	7,093	„	„	„	7,056	„	„	„	„	„
4 A.	Canasin - -	Do. - -	1·124	1	9,856	„	9,828	„	15,531	„	15,339	134	5,264	„	5,054	206	..	„
4 B.	Do. - -	Do. - -	„	„	9,800	„	„	„	15,148	„	„	„	4,844	„	„	„	..	„
6 A.	Chucxax - -	Do. - -	0·901	5	5,516	„	„	„	6,944	„	6,944	139	6,272	„	6,272	205	..	„
8 A.	Pimento - -	Do. - -	1·080	2	6,440	„	„	„	8,940	„	8,940	135	3,332	„	3,332	209	..	„
9 A.	Santa Martia -	Do. - -	0·806	6	2,968	„	3,164	78	5,460	„	5,110	142	2,464	„	6,272	205	..	„
9 B.	Do. - -	Do. - -	„	„	3,360	„	„	„	4,760	„	„	„	10,080	„	„	„	..	„
10 A.	Pasak - -	Do. - -	0·470	10	1,792	„	„	„	..	..	..	..	..	..	..	..	..	„
10 B.	Do. - -	Do. - -	„	„	1,829	„	„	„	..	..	..	..	..	..	..	..	..	„
11 A.	Chucya - -	Do. - -	1·026	3	5,348	„	5,348	75	7,196	83	7,196	138	10,080	147	10,080	202	..	„
13 A.	Bullet Wood -	Do. - -	1·230	1	5,600	„	6,412	73	9,968	„	10,080	134	4,592	„	5,194	206	..	„
13 B.	Do. - -	Do. - -	„	„	7,224	„	„	„	10,192	„	„	„	5,796	„	„	„	..	„
14 A.	Tastab - -	Do. - -	0·948	4	5,600	„	5,460	74	8,848	„	8,834	136	5,544	„	7,196	204	..	„
14 B.	Do. - -	Do. - -	„	„	5,320	„	„	„	8,820	„	„	„	8,848	„	„	„	..	„
15 A.	Mabinjuh or Mabinjuj.	Do. - -	0·861	6	5,712	„	5,712	„	7,784	„	7,784	137	2,576	„	2,576	210	..	„
16 A.	Subin or Cubin -	Do. - -	1·053	2	5,600	„	5,334	75	7,476	„	7,396	138	5,376	„	5,861	205	..	„
16 B.	Do. - -	Do. - -	„	„	5,068	„	„	„	7,317	„	„	„	6,347	„	„	„	..	„
17 A.	Sapodilla - -	Do. - -	1·204	1	6,384	„	6,384	73	8,204	„	8,204	137	4,256	„	4,256	207	..	„
18 A.	Kaskat - -	Do. - -	0·884	5	6,608	„	6,608	„	6,216	„	6,216	140	4,368	148	4,368	„	..	„
21 A.	Caoutchouc -	Do. - -	1·192	1	7,504	„	7,224	72	11,424	„	7,853	137	6,309	„	5,231	206	..	„
21 B.	Do. - -	Do. - -	„	„	8,904	„	„	„	11,928	„	„	„	6,300	„	„	„	..	„
21 C.	Do. - -	Do. - -	„	„	6,552	„	7,224	„	9,996	„	„	„	4,368	„	„	„	..	„
21 D.	Do. - -	Do. - -	„	„	5,936	„	„	„	8,064	84	„	„	3,948	„	„	„	..	„
22 A.	Yaxnic - -	Do. - -	0·695	8	3,164	„	2,758	79	4,704	„	4,872	142	9,520	„	9,800	203	..	„
22 B.	Do. - -	Do. - -	„	„	2,332	„	„	„	5,040	„	„	„	10,080	„	„	„	..	„
23 A.	Do. or Yaxnig -	Do. - -	0·702	„	3,752	„	3,752	77	6,421	„	6,421	140	„	„	10,080	202	..	„
25 A.	Roble Blanco -	Do. - -	0·884	5	5,780	„	5,780	75	6,571	„	6,571	139	9,520	„	9,520	203	..	„
1 A.	Halmolilli - -	Ceylon - -	0·935	4	3,360	„	3,360	78	..	..	..	..	..	..	..	..	..	..
2 A.	Iron or Beef Wood	Do. - -	1·157	1	7,616	„	7,616	72	..	..	..	..	..	..	..	..	..	..
3 A.	Taming - -	Do. - -	0·878	5	4,844	„	4,844	76	..	..	..	..	..	..	..	..	..	..
4 A.	Satin Wood -	Do. - -	0·891	„	5,096	„	5,096	75	..	..	..	..	..	..	..	..	..	..
23 A.	Samak, or Sumach, or Divi-Divi Bark	East India -	0·770	7	3,080	„	3,220	78	6,104	84	6,076	140	10,080	148	9,800	203	..	214
23 B.	Do. - -	Do. - -	„	„	3,360	„	„	„	6,048	„	„	„	9,520	„	„	„	..	„
30 A.	- - -	Do. - -	..	..	..	15	..	..	7,728	„	7,690	137	2,800	„	2,613	210	..	„
30 B.	- - -	Do. - -	..	..	..	..	..	..	7,616	„	„	„	2,464	„	„	„	..	„
30 C.	- - -	Do. - -	..	..	..	..	..	..	7,728	„	„	„	2,576	„	„	„	..	„
75 A.	Mungkudu -	Do. - -	0·623	9	2,240	..	2,184	80	3,920	„	4,069	142	6,048	149	5,550	206	..	..
75 B.	Do. - -	Do. - -	„	„	2,016	„	„	„	4,144	„	„	„	5,115	„	„	„	..	„
75 C.	Do. - -	Do. - -	„	„	2,296	„	„	„	4,144	„	„	„	5,488	„	„	„	..	„
75 A.	- - -	Do. - -	..	..	..	..	..	..	4,928	„	5,096	„	10,030	„	7,674	204	..	„

TABLE IX.—*continued.*

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water being 1·000.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
10,364 A.	Pinlay-oong	East India	0·722	8	3,920	21	3,920	77	7,028	89	7,028	139	10,080	156	10,080	202	..	218
10,366 A.	Yimma	Do.	0·385	10	2,128	„	..	..	..	..	..	..	..	..	..	..	..	„
10,366 B.	Do.	Do.	„	„	1,829	„	..	..	..	..	..	..	..	..	..	..	..	„
10,367 A.	Boomayza	Do.	1·020	3	7,224	„	6,930	73	7,112	89	8,484	136	10,080	157	7,168	204	..	„
10,367 B.	Do.	Do.	„	„	6,636	„	..	..	9,856	„	„	„	4,256	„	..	..	..	„
10,373 A.	Gnoo-shwoay	Do.	1·151	1	7,056	„	..	..	15,120	„	15,120	134	8,372	„	8,372	203	..	„
10,375 A.	May-za-lei	Do.	0·814	6	4,004	„	4,046	77	7,504	„	8,008	137	10,080	„	7,485	204	..	„
10,375 B.	Do.	Do.	„	„	4,088	„	„	„	8,512	„	„	„	4,891	„	„	„	..	„
10,376 A.	Yin dike	Do.	0·976	3	6,776	„	6,776	73	9,893	90	9,893	135	6,309	„	6,309	205	..	„
10,379 A.	Padouk	Do.	0·908	5	7,168	„	7,448	72	10,976	„	10,976	134	3,696	„	3,696	208	..	„
10,379 B.	Do.	Do.	„	„	7,728	„	„	„	..	..	..	..	..	„	..	..	..	„
10,380 A.	Kokoh	Do.	0·651	9	4,144	„	4,144	77	6,571	90	6,571	139	9,100	„	9,100	203	..	„
10,382 A.	Pouktheuma-Meyck-Kyouk.	Do.	0·925	4	5,040	„	5,040	75	8,587	„	8,587	136	6,683	„	6,683	205	..	„
10,384 A.	Thitsee	Do.	0·864	5	4,760	„	4,760	76	9,352	„	9,352	135	2,576	„	2,576	210	..	„
10,386 A.	Nabhay	Do.	0·962	4	4,312	„	4,312	77	7,019	„	7,019	139	2,184	„	2,184	„	..	„
10,388 A.	Pangah	Do.	0·888	5	6,440	„	6,468	73	10,276	„	10,136	134	2,744	„	2,632	„	..	„
10,388 B.	Do.	Do.	„	„	6,496	„	„	„	9,996	„	„	„	2,520	„	„	„	..	„
10,390 A.	Htonkgyan	Do.	0·999	3	6,384	„	6,356	„	9,352	„	9,224	135	10,080	„	..	..	..	„
10,390 B.	Do.	Do.	„	„	6,328	„	„	„	9,296	„	„	„	7,280	„	..	..	..	„
10,393 A.	Bambouay	Do.	0·854	6	5,012	„	4,648	76	6,832	„	6,384	140	7,504	„	8,792	203	..	„
10,393 B.	Do.	Do.	„	„	4,284	„	„	„	5,936	„	„	„	10,080	„	„	„	..	„
10,394 A.	Thabychgah	Do.	0·756	7	4,032	„	3,836	77	6,421	„	6,570	139	„	„	7,560	204	..	„
10,394 B.	Do.	Do.	„	„	3,640	„	„	„	6,720	„	„	„	5,040	„	„	„	..	„
10,397 A.	Do.	Do.	0·888	5	5,880	„	5,880	74	8,568	„	8,568	136	2,091	„	2,091	210	..	„
10,329 A.	Laizah	Do.	0·842	6	4,853	„	4,946	75	6,645	„	6,934	139	2,968	„	3,332	209	..	„
10,399 B.	Do.	Do.	„	„	5,040	„	„	„	7,224	„	„	„	3,696	„	„	„	..	„
10,405 A.	Hnan	Do.	0·652	9	4,200	„	4,060	77	7,000	„	7,308	138	1,456	158	1,400	211	..	„
10,405 B.	Do.	Do.	„	„	3,920	„	„	„	7,616	„	„	„	1,344	„	„	„	..	„
10,406 A.	Bingah	Do.	0·736	8	5,264	„	5,712	74	7,728	„	7,994	137	5,488	„	4,162	208	..	„
10,406 B.	Do.	Do.	„	„	6,160	„	„	„	8,260	„	„	„	2,837	„	„	„	..	„
10,409 A.	Htein	Do.	0·706	„	3,364	23	3,500	78	5,964	„	6,300	140	5,600	„	4,480	207	..	„
10,409 B.	Do.	Do.	„	„	3,696	„	„	„	6,636	„	„	„	3,360	„	„	„	..	„
10,410 A.	Hteingalah	Do.	0·935	4	7,392	„	5,768	74	8,456	„	8,456	136	2,184	„	2,184	210	..	„

2,490 A.	Niatoo	Do.	0·499	11	2,464	„	2,464	79	5,264	„	5,264	141	10,080	„	10,080	„	..	„
2,493 A.	Klaydang	Do.	0·682	9	4,536	„	4,536	76	1,286	86	9,286	135	1,232	„	1,232	210	..	„
3,948 A.	Siris	Do.	0·668	9	3,248	„	3,248	78	6,533	„	6,533	139	10,080	„	10,080	202	..	„
3,949 A.	Hurdoo	Do.	0·648	10	3,136	„	3,136	78	7,056	„	7,056	138	10,080	„	10,080	„	..	„
3,950 A.	Kaim	Do.	0·770	7	2,800	„	2,800	79	6,384	„	6,384	140	2,800	„	2,800	209	..	„
3,951 A.	Pindra	Do.	0·846	6	4,424	„	4,424	76	6,720	„	6,720	139	6,160	„	6,160	205	..	„
3,952 A.	Iymungul	Do.	0·797	7	5,264	„	5,264	75	9,035	„	9,035	135	10,080	151	10,080	202	..	„
3,953 A.	Rohnee	Do.	1·069	2	5,012	„	5,012	75	6,664	„	6,664	139	6,832	„	6,832	204	..	„
3,954 A.	Londya	Do.	0·759	7	3,752	„	3,752	77	6,328	„	6,328	140	1,456	„	1,456	211	..	„
3,955 A.	Kardahee	Do.	0·817	6	4,424	„	4,424	76	6,688	„	6,688	139	3,248	„	3,248	209	..	„
3,956 A.	Taman	Do.	0·729	8	3,640	„	3,640	78	6,972	„	6,972	139	10,080	„	10,080	202	..	„
3,957 A.	Tine or Sisso	Do.	..	..	3,780	„	3,780	77	6,608	„	6,608	139	6,048	„	6,048	205	..	„
3,961 A.	Mowah	Do.	1·013	3	4,704	„	4,704	76	7,317	„	7,317	138	6,720	„	6,720	204	..	„
4,657 A.	Seba Sagoon, Teak	Do.	0·601	9	3,192	„	3,192	78	6,160	„	6,160	140	2,464	„	2,464	210	..	„
4,658 A.	Putteereea Sagoon	Do.	0·678	8	3,976	„	3,976	77	7,765	„	7,765	137	2,165	„	2,165	210	..	„
4,659 A.	Doodhea Sagoon	Do.	0·664	8	3,864	„	3,864	77	6,272	„	6,272	138	2,716	„	2,716	210	..	„
4,660 A.	Surreye	Do.	0·911	5	4,984	„	4,984	75	8,699	„	8,699	136	2,912	„	2,912	209	..	„
4,661 A.	Iroomrassee	Do.	0·729	..	4,088	„	4,088	77	7,131	„	7,131	138	4,181	„	4,181	208	..	„
4,662 A.	Dhengun	Do.	0·791	7	5,096	„	5,096	75	7,420	„	7,420	138	2,688	„	2,688	210	..	„
4,663 A.	Saj	Do.	0·837	6	2,912	„	2,912	79	4,144	„	4,144	142	6,664	„	6,664	205	..	„
4,664 A.	Beejah	Do.	0·803	6	5,376	„	5,376	74	9,856	„	9,856	135	3,248	„	3,248	209	..	„
4,665 A.	Kowah	Do.	0·996	3	4,928	„	4,928	75	5,096	„	5,096	142	7,504	„	7,504	204	..	216
4,666 A.	Ghattoo	Do.	0·820	6	2,464	„	2,464	79	6,197	„	6,197	140	3,864	152	3,864	208	..	„
4,667 A.	Trosum	Do.	0·770	7	3,808	„	3,808	77	5,572	„	5,572	141	10,080	„	10,080	202	..	„
4,668 A.	Dhowrah	Do.	0·881	5	6,440	„	6,440	73	8,344	„	8,344	136	3,556	„	3,556	209	..	„
4,670 A.	Bher	Do.	0·574	9	2,576	„	2,576	79	4,181	„	4,181	142	10,080	„	10,080	202	..	„
4,671 A.	Bauhul	Do.	0·864	5	5,992	„	5,992	74	9,072	„	9,072	135	10,080	„	10,080	202	..	„
4,672 A.	Khumee	Do.	0·542	9	2,856	„	2,856	79	5,040	„	5,040	142	6,384	„	6,384	205	..	„
4,754 A.	Ironwood	Do.	1·104	2	9,632	„	9,254	72	12,824	„	10,724	134	3,556	„	3,776	208	..	„
4,754 B.	Do.	Do.	..	..	8,876	„	..	72	8,624	„	..	134	3,995	„	..	..	..	„
5,597 A.	Gurinja	Do.	0·641	9	3,416	„	3,416	78	13,272	„	13,272	134	2,828	„	2,828	209	..	„
5,598 A.	Sâl	Do.	0·884	5	6,720	„	6,720	73	6,048	„	6,048	140	1,932	„	1,932	210	..	„
5,599 A.	Teak Sagoon	Do.	0·695	8	4,032	„	4,032	77	6,571	„	6,571	139	2,725	„	2,725	209	..	„
5,600 A.	Sisso, black	Do.	0·790	7	7,728	„	7,728	72	10,584	„	10,584	134	3,556	„	3,556	209	..	„
5,601 A.	Burdur	Do.	0·844	6	5,712	„	5,712	74	8,549	„	8,549	135	6,664	„	6,664	205	..	„
5,602 A.	Abloos or Kândoo	Do.	1·080	2	6,048	„	6,048	74	8,960	87	8,960	135	9,968	„	9,968	203	..	„
5,603 A.	Assân	Do.	1·087	2	3,976	„	3,976	77	7,532	„	7,532	138	7,252	„	7,252	204	..	„
5,604 A.	Gumbaree	Do.	0·664	8	3,584	„	3,584	78	6,608	„	6,608	139	4,480	„	4,480	207	..	„
5,605 A.	Jack Punsee	Do.	0·621	9	1,848	„	1,848	..	5,152	„	5,152	142	10,080	„	10,080	202	..	„
5,606 A.	Red Sissoo	Do.	0·864	6	6,216	„	6,216	73	8,932	„	8,932	135	5,432	„	5,432	206	..	„
5,607 A.	Peasal	Do.	0·793	7	5,600	„	5,600	74	11,816	„	11,816	134	5,175	„	5,175	206	..	„
5,608 A.	Koozoom	Do.	0·709	8	4,256	19	4,256	77	7,616	„	7,616	137	2,352	„	2,352	210	..	„
5,609 A.	Keehar	Do.	1·060	2	5,432	„	5,432	74	9,184	„	9,184	135	5,264	„	5,264	206	..	„
5,610 A.	Koozoom	Do.	0·965	4	5,824	„	5,824	74	7,784	„	7,784	137	3,892	„	3,892	208	..	„
6,542 A.	Kokoh	Do.	0·662	8	4,760	„	4,760	76	6,608	„	6,608	139	10,080	„	10,080	202	..	„

TABLE IX.—*continued.*

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water being 1·000.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
10,485 C.	Padouk	East India	0·972	3	5,432	23	6,197	73	12,152	92	13,533	134	2,176	159	3,257	209	..	219
10,489 A.	Kya Ya	Do.	0·959	4	6,020	,,	5,782	74	9,940	,,	9,730	135	3,136	,,	3,360	,,	..	,,
10,489 B.	Do.	Do.	,,	,,	5,544	,,	,,	,,	9,520	,,	,,	,,	3,584	,,	,,	,,	..	,,
10,491 A.	Zangyecoat-doup	Do.	0·946	,,	,,	,,	5,544	,,	9,156	,,	9,244	,,	2,856	,,	3,304	,,	..	,,
10,491 B.	Do.	Do.	,,	,,	,,	,,	,,	,,	9,333	,,	,,	,,	3,752	,,	,,	,,	..	,,
1 A.		Hungary	0·694	8	3,360	23	3,585	78										
1 B.		Do.	,,	,,	3,528	,,	,,	,,										
1 C.		Do.	,,	,,	3,136	,,	,,	,,										
1 D.		Do.	,,	,,	3,864	,,	,,	,,										
2 A.		Do.	0·804	6	4,004	,,	4,435	76										
2 B.		Do.	,,	,,	4,480	,,	,,	,,										
2 C.		Do.	,,	,,	3,733	25	,,	,,										
2 D.		Do.	,,	,,	4,816	,,	,,	,,										
3 A.		Do.	0·531	9	2,725	,,	2,835	79										
3 B.		Do.	,,	,,	2,100	,,	,,	,,										
3 C.		Do.	,,	,,	2,165	,,	,,	,,										
3 D.		Do.	,,	,,	2,660	,,	,,	,,										
4 A.		Do.	0·673	8	2,949	,,	3,677	78										
4 B.		Do.	,,	,,	3,164	,,	,,	,,										
4 C.		Do.	,,	,,	3,360	,,	,,	,,										
4 D.		Do.	,,	,,	3,024	,,	,,	,,										
5 A.		Do.	0·460	10	1,045	,,	..	..										
5 B.		Do.	,,	,,	,,	,,	..	..										
5 C.		Do.	,,	,,	1,316	,,	..	..										
5 D.		Do.	,,	,,	1,022	,,	..	..										
6 A.		Do.	0·658	8	2,240	,,	2,679	79										
6 B.		Do.	,,	,,	2,072	,,	,,	,,										
6 C.		Do.	,,	,,	3,080	,,	,,	,,										
6 D.		Do.	,,	,,	3,323	,,	,,	,,										
7 A.		Do.	0·651	9	3,836	,,	3,456	78										
7 B.		Do.	,,	,,	3,136	,,	,,	,,										
7 C.		Do.	,,	,,	3,108	,,	,,	,,										
[illegible]	[illegible]	Do.	,,	,,	3,752	,,	,,	,,										

No Experiments.

7,531 A.	- - -	Do. - -	0·857	6	..	..	..	..	8,512	„	8,512	136	2,651	155	2,651	210	..	„
7,618 A.	Thin Gan - -	Do. - -	0·793	7	3,528	19	3,598	78	6,384	„	5,880	141	1,008	„	1,382	211	..	„
7,618 B.	Do. - -	Do. - -	„	„	3,668	„	„	„	5,876	„	„	„	1,755	„	„	„	..	„
7,619 A.	Ah Nau - -	Do. - -	0·733	8	2,800	„	2,828	79	6,160	„	6,178	140	9,520	„	8,694	203	..	„
7,619 B.	Do. - -	Do. - -	„	„	2,856	„	„	„	6,197	„	„	„	7,868	„	„	„	..	„
7,622 A.	Oak An - -	Do. - -	0·774	7	4,480	„	4,319	76	7,588	„	7,576	137	2,156	„	2,958	209	..	„
7,622 B.	Do. - -	Do. - -	„	„	5,096	„	„	„	8,027	„	„	„	..	..	..	..	..	„
7,622 C.	Do. - -	Do. - -	„	„	2,856	„	„	„	7,784	„	„	„	2,772	..	..	..	..	„
7,622 D.	Do. - -	Do. - -	„	„	4,844	„	„	„	6,907	„	„	„	3,948	..	..	..	..	„
7,629 A.	Bom Mai Za -	Do. - -	0·969	3	3,472	„	5,600	74	8,437	„	11,022	134	5,068	155	4,564	207	..	„
7,629 B.	Do. - -	Do. - -	„	„	7,728	„	„	„	13,608	„	„	„	4,060	„	„	„	..	„
7,665 A.	Diane Eha -	Do. - -	0·631	9	2,800	„	2,884	79	4,704	„	4,760	142	10,080	„	10,080	202	..	„
7,665 B.	Do. - -	Do. - -	„	„	2,968	„	„	„	4,816	„	„	„	10,080	„	„	„	..	„
7,674 A.	Tonk Tsa -	Do. - -	0·622	„	3,136	„	3,024	„	5,488	„	5,488	141	10,080	„	„	„	..	„
7,674 B.	Do. - -	Do. - -	„	„	2,912	„	„	„	..	„	„	„	„	„	„	„	..	„
7,677 A.	Tseek Tha -	Do. - -	0·879	5	3,360	„	3,052	„	7,952	„	6,888	139	5,563	„	6,967	204	..	„
7,677 B.	Do. - -	Do. - -	„	„	2,744	„	„	„	5,824	„	„	„	8,372	„	„	„	..	„
9,238 A.	- - -	Do. - -	0·657	9	..	..	..	..	4,816	„	4,816	142	10,080	„	10,080	202	..	„
9,239 A.	Bayang Bada -	Do. - -	0·737	8	3,192	..	..	..	6,440	„	6,440	140	1,008	„	1,008	211	..	„
9,240 A.	Brangan - -	Do. - -	0·567	9	3,584	21	..	..	..	..	..	..	..	..	..	..	..	„
9,247 A.	- - -	Do. - -	0·498	10	..	..	..	..	..	..	..	..	..	..	..	..	..	„
10,221 A.	Philibeet - -	Do. - -	0·675	8	3,640	21	3,640	78	6,608	89	6,608	139	10,080	156	10,080	202	..	„
10,225 A.	Saul - - -	Do. - -	0·790	7	3,864	„	3,864	77	7,588	„	7,588	137	3,584	„	3,584	209	..	„
10,226 A.	Sissoo - - -	Do. - -	0·766	7	5,376	„	5,376	74	8,344	„	8,344	136	10,080	„	10,080	202	..	„
10,348 A.	Petwoon - -	Do. - -	0·958	4	6,440	„	6,384	73	8,652	„	8,806	„	3,724	„	3,589	208	..	„
10,348 B.	Do. - -	Do. - -	„	„	6,328	„	„	„	8,960	„	„	„	3,995	„	„	„	..	„
10,349 A.	Dwa Nee - -	Do. - -	0·726	8	4,844	„	5,012	75	7,765	„	7,564	137	..	„	1,344	211	..	„
10,349 B.	Do. - -	Do. - -	„	„	5,180	„	„	„	7,364	„	„	„	1,344	„	„	„	..	„
10,352 A.	Eng - - -	Do. - -	0·898	5	5,992	„	6,468	73	8,363	„	8,531	136	3,323	„	6,701	205	..	„
10,352 B.	Do. - -	Do. - -	„	„	6,944	„	„	„	8,699	„	„	„	10,080	„	„	„	..	„
10,354 A.	Thingan - -	Do. - -	0·715	8	4,144	„	4,200	77	7,728	„	7,784	137	„	„	10,080	202	..	„
10,354 B.	Do. - -	Do. - -	„	„	4,256	„	„	„	7,840	„	„	„	„	„	„	„	..	„
10,355 A.	Thingadoe - -	Do. - -	0·854	6	4,816	„	4,746	76	8,213	„	8,306	136	1,764	„	1,946	210	..	„
10,355 B.	Do. - -	Do. - -	„	„	4,676	„	„	„	8,400	„	„	„	2,128	„	„	„	..	„
10,356 A.	Engyin - -	Do. - -	0·884	5	4,872	„	5,222	75	7,700	„	8,022	137	1,829	„	2,146	„	..	„
10,356 B.	Do. - -	Do. - -	„	„	5,572	„	„	„	8,344	„	„	„	2,464	„	„	„	..	„
10,357 A.	Theya - -	Do. - -	0·928	4	6,664	„	6,664	73	9,968	„	9,968	135	2,128	„	2,128	„	..	218
10,358 A.	Gangau - -	Do. - -	1·091	2	7,784	„	8,232	72	12,208	„	11,438	134	4,144	„	4,480	207	..	„
10,358 B.	Do. - -	Do. - -	„	„	8,680	„	„	„	10,668	„	„	„	4,816	„	„	„	..	„
10,359 A.	Toung-tha-lay -	Do. - -	0·689	8	4,592	„	4,438	76	7,000	„	6,841	139	3,836	„	3,836	208	..	„
10,359 B.	Do. - -	Do. - -	„	„	4,284	„	„	„	6,683	„	„	„	„	„	„	„	..	„
10,361 A.	Poonyet - -	Do. - -	0·604	9	3,640	„	3,500	78	6,421	„	6,346	140	868	„	5,474	206	..	„
10,361 B.	Do. - -	Do. - -	„	„	3,360	„	„	„	6,272	„	„	„	10,080	„	„	„	..	„
10,362 A.	Gyo - -	Do. - -	0·969	3	3,024	„	3,360	„	5,301	„	5,301	141	1,568	„	2,128	210	..	„
10,362 B.	Do. - -	Do. - -	0·969	3	3,696	„	„	„	5,301	„	„	„	2,688	„	„	„	..	„

TABLE IX.—*continued.*

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water being 1'000.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
10,364 A.	Pinlay-oong	East India	0·722	8	3,920	21	3,920	77	7,028	89	7,028	139	10,080	156	10,080	202	..	218
10,366 A.	Yimma	Do.	0·385	10	2,128	„	..	..	..	..	..	..	..	..	..	..	..	„
10,366 B.	Do.	Do.	„	„	1,829	„	..	..	..	..	..	..	..	..	..	..	..	„
10,367 A.	Boomayza	Do.	1·020	3	7,324	„	6,930	73	7,112	89	8,484	136	10,080	157	7,168	204	..	„
10,367 B.	Do.	Do.	„	„	6,636	„	..	..	9,856	„	„	„	4,256	„	..	..	..	„
10,373 A.	Gnoo-shwoay	Do.	1·151	1	7,956	„	..	..	15,120	„	15,120	134	8,372	„	8,372	203	..	„
10,375 A.	May-za-lei	Do.	0·814	6	4,004	„	4,046	77	7,504	„	8,008	137	10,080	„	7,485	204	..	„
10,375 B.	Do.	Do.	„	„	4,088	„	„	„	8,512	„	„	„	4,891	„	„	„	..	„
10,376 A.	Yin dike	Do.	0·976	3	6,776	„	6,776	73	9,893	90	9,893	135	6,309	„	6,309	205	..	„
10,379 A.	Padouk	Do.	0·908	5	7,168	„	7,448	72	10,976	„	10,976	134	3,696	„	3,696	208	..	„
10,379 B.	Do.	Do.	„	„	7,728	„	„	„	..	..	..	..	..	„	..	..	..	„
10,380 A.	Kokoh	Do.	0·651	9	4,144	„	4,144	77	6,571	90	6,571	139	9,100	„	9,100	203	..	„
10,382 A.	Pouktheuma-Meyck-Kyouk.	Do.	0·925	4	5,040	„	5,040	75	8,587	„	8,587	136	6,683	„	6,683	205	..	„
10,384 A.	Thitsee	Do.	0·864	5	4,760	„	4,760	76	9,352	„	9,352	135	2,576	„	2,576	210	..	„
10,386 A.	Nabhay	Do.	0·962	4	4,312	„	4,312	77	7,019	„	7,019	139	2,184	„	2,184	„	..	„
10,388 A.	Pangah	Do.	0·888	5	6,440	„	6,468	73	10,276	„	10,136	134	2,744	„	2,632	„	..	„
10,388 B.	Do.	Do.	„	„	6,496	„	„	„	9,996	„	„	„	2,520	„	„	„	..	„
10,390 A.	Htonkgyan	Do.	0·999	3	6,384	„	6,356	„	9,352	„	9,224	135	10,080	„	..	..	..	„
10,390 B.	Do.	Do.	„	„	6,328	„	„	„	9,296	„	„	„	7,280	„	..	..	..	„
10,393 A.	Bambouay	Do.	0·854	6	5,012	„	4,648	76	6,832	„	6,384	140	7,504	„	8,792	203	..	„
10,393 B.	Do.	Do.	„	„	4,284	„	„	„	5,936	„	„	„	10,080	„	„	„	..	„
10,394 A.	Thabychgah	Do.	0·756	7	4,032	„	3,836	77	6,421	„	6,570	139	„	„	7,560	204	..	„
10,394 B.	Do.	Do.	„	„	3,640	„	„	„	6,720	„	„	„	5,040	„	„	„	..	„
10,397 A.	Do.	Do.	0·888	5	5,880	„	5,880	74	8,568	„	8,568	136	2,091	„	2,091	210	..	„
10,399 A.	Laizah	Do.	0·842	6	4,853	„	4,946	75	6,645	„	6,934	139	2,968	„	3,332	209	..	„
10,399 B.	Do.	Do.	„	„	5,040	„	„	„	7,224	„	„	„	3,696	„	„	„	..	„
10,405 A.	Hnan	Do.	0·652	9	4,200	„	4,060	77	7,000	„	7,308	138	1,456	158	1,400	211	..	„
10,405 B.	Do.	Do.	„	„	3,920	„	„	„	7,616	„	„	„	1,344	„	„	„	..	„
10,406 A.	Bingah	Do.	0·736	8	5,264	„	5,712	74	7,728	„	7,994	137	5,488	„	4,162	208	..	„
10,406 B.	Do.	Do.	„	„	6,160	„	„	„	8,260	„	„	„	2,837	„	„	„	..	„
10,409 A.	Htein	Do.	0·706	23	3,364	23	3,500	78	5,964	„	6,300	140	5,600	„	4,480	207	..	„
10,409 B.	Do.	Do.	„	„	3,696	„	„	„	6,636	„	„	„	3,360	„	„	„	..	„
10,410 A.	Hteingalah	Do.	0·935	4	7,392	„	5,768	74	8,456	„	8,456	136	2,184	„	2,184	210	..	„

236 B.	Do. - -	Do. - -	„	„	2,576	„	..	..	4,284	„	„	„	5,432	„	„	„	..	„
236 C.	Do. - -	Do. - -	„	„	1,680	„	..	..	4,032	„	„	„	10,080	„	„	„	..	„
252 A.	White Mangrove -	Do. - -	1·017	3	4,564	„	..	..	6,309	„	6,197	140	5,096	„	5,341	206	..	„
252 B.	Do. - -	Do. - -	„	„	4,816	„	..	..	6,384	„	„	„	5,413	„	„	„	..	„
252 C.	Do. - -	Do. - -	„	„	3,304	„	..	..	5,899	„	„	„	5,516	„	„	„	..	„
267 A.	White Bully Tree -	Do. - -	0·914	5	6,496	„	5,586	74	8,400	96	7,980	137	2,688	„	2,716	209	..	„
267 B.	Do. - -	Do. - -	„	„	5,936	„	„	„	7,952	„	„	„	„	„	„	„	..	„
267 C.	Do. - -	Do. - -	„	„	4,984	„	„	„	7,280	„	„	„	2,800	„	„	„	..	„
267 D.	Do. - -	Do. - -	„	„	4,928	„	„	„	8,288	„	„	„	2,688	„	„	„	..	„
284 A.	Tecoma Stans -	Do. - -	0·659	9	4,424	„	..	..	7,532	„	7,168	138	6,720	„	7,261	204	..	„
284 B.	Do. - -	Do. - -	„	„	4,256	„	..	..	6,804	„	„	„	7,803	„	„	„	..	„
297 A.	Red Heart - -	Do. - -	1·131	1	8,876	„	8,825	72	12,768	„	12,950	134	4,424	„	4,312	207	..	„
297 B.	Do. - -	Do. - -	„	„	8,568	„	„	„	12,432	„	„	„	4,312	„	„	„	..	„
297 C.	Do. - -	Do. - -	„	„	8,938	„	„	„	14,280	„	„	„	4,256	„	„	„	..	„
297 D.	Do. - -	Do. - -	„	„	8,922	„	„	„	13,320	„	„	„	4,256	„	„	„	..	„
312 A.	Juniper Cedar -	Do. - -	0·708	8	2,856	„	..	..	..	..	..	..	..	..	..	..	..	„
312 B.	Do. - -	Do. - -	„	„	2,492	„	..	..	..	..	..	..	..	..	..	..	..	„
312 C.	Do. - -	Do. - -	„	„	2,156	„	..	..	..	..	..	..	..	..	..	..	..	„
319 A*a*.	- - - -	Do. - -	1·148	1	5,208	„	..	..	12,936	96	13,482	134	9,856	162	9,296	202	..	„
319 A*b*.	- - - -	Do. - -	„	„	6,720	„	..	..	14,028	„	„	„	8,736	„	„	„	..	„
319 B*a*.	Section of Cocoa Nut.	Do. - -	„	„	6,188	29	6,382	73	8,288	„	8,766	136	4,228	„	4,732	207	..	„
319 B*b*.	Do. - -	Do. - -	„	„	5,880	„	„	„	7,803	„	„	„	5,488	„	„	„	..	„
319 B*c*.	Do. - -	Do. - -	„	„	5,376	„	„	„	8,363	„	„	„	4,060	„	„	„	..	„
319 B*d*.	Do. - -	Do. - -	„	„	5,488	„	„	„	10,612	„	„	„	5,152	„	„	„	..	„
319 C*a*.	Do. - -	Do. - -	„	„	6,356	„	„	„	10,024	„	10,257	134	8,764	„	9,422	202	..	„
319 C*b*.	Do. - -	Do. - -	„	„	6,552	„	„	„	10,491	„	„	„	10,080	„	„	„	..	„
319 E*a*.	Do. - -	Do. - -	„	„	7,728	„	„	„	13,188	„	12,726	„	7,168	„	7,756	204	..	„
319 E*b*.	Do. - -	Do. - -	„	„	8,316	„	„	„	12,264	„	„	„	8,344	„	„	„	..	„
320 A.	York Wood -	Do. - -	0·655	9	3,920	„	..	..	7,336	„	7,364	138	10,080	„	8,288	203	..	„
320 B.	Do. - -	Do. - -	„	„	3,976	„	..	..	7,392	„	„	„	6,496	„	„	„	..	„
324 A.	Santa Maria -	Do. - -	0·523	„	3,024	„	..	..	5,544	„	5,432	141	10,080	„	10,080	202	..	„
324 B.	Do. - -	Do. - -	„	„	2,912	„	..	..	5,320	„	„	„	„	„	„	„	..	„
326 A.	Red Wood - -	Do. - -	0·847	6	5,292	„	..	..	7,616	„	7,504	138	5,152	„	4,522	207	..	„
326 B.	Do. - -	Do. - -	„	„	4,144	„	..	..	7,392	„	„	„	3,892	„	„	„	..	„
328 A.	Black Bullet Tree	Do. - -	0·962	4	6,412	„	6,118	73	9,240	„	8,932	135	2,576	„	2,506	210	..	„
328 B.	Do. - -	Do. - -	„	„	5,824	„	„	„	8,624	97	„	„	2,436	„	„	„	..	„
329 A.	Galla Pear - -	Do. - -	0·414	11	1,512	„	..	..	..	..	..	..	..	..	..	..	..	„
329 B.	Do. - -	Do. - -	„	„	1,204	„	..	..	..	..	..	..	..	..	..	..	..	„
329 C.	Do. - -	Do. - -	„	„	1,344	„	..	..	..	..	..	..	..	..	..	..	..	„
332 A.	Hog Berry - -	Do. - -	0·768	7	4,592	„	..	..	8,101	97	7,082	139	1,680	162	6,489	205	..	„
332 B.	Do. - -	Do. - -	„	„	4,732	„	..	..	6,440	„	„	„	4,116	„	„	„	..	„
332 C.	Do. - -	Do. - -	„	„	4,536	„	..	..	7,056	„	„	„	10,080	„	„	„	..	„
332 D.	Do. - -	Do. - -	„	„	4,788	„	..	..	6,533	„	„	„	„	„	„	„	..	„

TABLE IX.—*continued.*

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water being 1·000.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
10,485 C.	Padouk	East India	0·972	3	5,432	23	6,197	73	12,152	92	13,533	134	2,176	159	3,257	209	..	219
10,489 A.	Kyn Ya	Do.	0·959	4	6,020	,,	5,782	74	9,940	,,	9,730	135	3,136	,,	3,300	,,	..	,,
10,489 B.	Do.	Do.	,,	,,	5,544	,,	,,	,,	9,520	,,	,,	,,	3,584	,,	,,	,,	..	,,
10,491 A.	Zangyecoat-doup	Do.	0·946	,,	,,	,,	5,544	,,	9,156	,,	9,244	,,	2,856	,,	3,304	,,	..	,,
10,491 B.	Do.	Do.	,,	,,	,,	,,	,,	,,	9,333	,,	,,	,,	3,752	,,	,,	,,	..	,,
1 A.	- - - -	Hungary	0·694	8	3,360	23	3,585	78										
1 B.	- - - -	Do.	,,	,,	3,528	,,	,,	,,										
1 C.	- - - -	Do.	,,	,,	3,136	,,	,,	,,										
1 D.	- - - -	Do.	,,	,,	3,864	,,	,,	,,										
2 A.	- - - -	Do.	0·804	6	4,004	,,	4,435	76										
2 B.	- - - -	Do.	,,	,,	4,480	,,	,,	,,										
2 C.	- - - -	Do.	,,	,,	3,733	25	,,	,,										
2 D.	- - - -	Do.	,,	,,	4,816	,,	,,	,,										
3 A.	- - - -	Do.	0·531	9	2,725	,,	2,835	79										
3 B.	- - - -	Do.	,,	,,	2,100	,,	,,	,,										
3 C.	- - - -	Do.	,,	,,	2,165	,,	,,	,,										
3 D.	- - - -	Do.	,,	,,	2,660	,,	,,	,,										
4 A.	- - - -	Do.	0·673	8	2,949	,,	3,677	78										
4 B.	- - - -	Do.	,,	,,	3,164	,,	,,	,,										
4 C.	- - - -	Do.	,,	,,	3,360	,,	,,	,,										
4 D.	- - - -	Do.	,,	,,	3,024	,,	,,	,,										
5 A.	- - - -	Do.	0·460	10	1,045	,,	..	..										
5 B.	- - - -	Do.	,,	,,	,,	,,	..	..										
5 C.	- - - -	Do.	,,	,,	1,316	,,	..	..										
5 D.	- - - -	Do.	,,	,,	1,022	,,	..	..										
6 A.	- - - -	Do.	0·658	8	2,240	,,	2,679	79										
6 B.	- - - -	Do.	,,	,,	2,072	,,	,,	,,										
6 C.	- - - -	Do.	,,	,,	3,080	,,	,,	,,										
6 D.	- - - -	Do.	,,	,,	3,323	,,	,,	,,										
7 A.	- - - -	Do.	0·651	9	3,836	,,	3,456	78										
7 B.	- - - -	Do.	,,	,,	3,136	,,	,,	,,										
7 C.	- - - -	Do.	,,	,,	3,108	,,	,,	,,										
7 D.	- - - -	Do.	,,	,,	3,752	,,	,,	,,										

No Experiments.

376 A.	Blood Red Wood	Do.	0·857	6	4,256	„	..	..	6,384	„	6,906	139	5,040	„	7,560	204	..	„
376 B.	Do.	Do.	„	„	4,760	31	..	..	7,429	„	„	„	10,080	„	„	„	..	223
378 A.	Fig Tree, Wild	Do.	0·547	9	2,688	„	..	..	..	..	..	..	..	..	..	..	..	„
384 A.	Black Mahogany	Do.	0·837	6	4,368	„	..	..	6,533	98	6,892	139	4,480	164	6,860	204	..	„
384 B.	Do.	Do.	„	„	4,368	„	..	..	6,981	„	„	„	10,080	„	„	„	..	„
384 C.	Do.	Do.	„	„	4,480	„	..	..	7,728	„	„	„	2,800	„	„	„	..	„
384 D.	Do.	Do.	„	„	4,172	„	..	..	6,328	„	„	„	10,080	„	„	„	..	„
407 A.	Star Apple	Do.	0·938	4	6,160	„	..	..	8,624	„	8,624	136	..	..	..	„	..	„
7 A.	Whismore	Liberia	0·699	8	3,696	„	4,853	75	6,309	„	6,620	139	6,160	164	6,533	205	..	„
7 B.	Do.	Do.	„	„	4,004	„	„	„	7,616	„	„	„	4,928	„	„	„	..	„
7 C.	Do.	Do.	„	„	3,584	„	„	„	5,936	„	„	„	8,512	165	„	„	..	„
10 A.	Cedar	Do.	0·978	3	6,244	„	6,437	73	11,984	„	12,214	134	2,184	„	2,445	210	..	„
10 B.	Do.	Do.	„	„	6,160	„	„	„	11,835	„	„	„	2,464	„	„	„	..	„
10 C.	Do.	Do.	„	„	6,906	„	„	„	12,824	„	„	„	2,688	„	„	„	..	„
11 A.	Black Gum	Do.	0·938	4	7,868	„	7,429	72	10,612	„	10,686	134	3,556	„	2,787	209	..	„
11 B.	Do.	Do.	„	„	7,420	„	„	„	12,152	„	„	„	2,044	„	„	„	..	„
11 C.	Do.	Do.	„	„	7,000	„	„	„	9,296	„	„	„	2,763	„	„	„	..	„
15 A.	Burr Wood	Do.	0·760	7	3,696	„	4,235	77	7,653	99	7,527	139	10,080	„	5,898	205	..	„
15 B.	Do.	Do.	„	„	4,284	„	„	„	7,728	„	„	„	1,344	„	„	„	..	„
15 C.	Do.	Do.	„	„	4,200	„	„	„	7,476	„	„	„	2,091	„	„	„	..	„
15 D.	Do.	Do.	„	„	4,760	„	„	„	7,252	„	„	„	10,080	„	„	„	..	„
16 A.	Cherry	Do.	0·746	7	3,192	„	3,448	78	6,160	„	6,160	140	6,459	„	5,259	206	..	„
16 B.	Do.	Do.	„	„	3,472	„	„	„	6,160	„	„	„	4,060	„	„	„	..	„
17 A.	Brimstone	Do.	0·759	7	4,480	„	4,102	77	6,384	„	6,510	139	2,324	„	2,188	210	..	„
17 B.	Do.	Do.	„	„	3,724	„	„	„	6,636	„	„	„	2,053	„	„	„	..	„
18 A.	Box Wood	Do.	1·114	2	8,288	„	8,260	72	9,483	„	..	..	5,525	„	5,268	206	..	„
18 B.	Do.	Do.	„	„	8,232	„	„	„	10,612	„	..	..	5,012	„	„	„	..	„
19 B.	Cedar	Do.	0·745	7	3,024	„	3,455	78	6,048	„	6,066	140	3,360	„	3,038	209	..	„
19 C.	Do.	Do.	„	„	3,584	„	„	„	6,085	„	„	„	2,716	„	„	„	..	„
20 A.	Iron Wood	Do.	0·993	3	6,776	„	3,420	78	10,080	„	7,061	138	4,928	„	5,231	206	..	„
20 B.	Do.	Do.	„	„	6,692	„	„	„	9,931	„	„	„	2,427	„	„	„	..	„
20 C.	Do.	Do.	„	„	6,104	„	„	„	1,172	„	„	„	3,108	„	„	„	..	„
20 A*a*.	Do.	Do.	0·595	9	2,968	„	..	..	6,160	„	5,954	140	10,080	„	7,826	204	..	„
20 A*b*.	Do.	Do.	„	„	2,296	„	..	..	5,488	„	„	„	10,080	„	„	„	..	„
20 A*c*.	Do.	Do.	„	„	2,856	„	..	..	6,123	„	„	„	10,080	„	„	„	..	„
20 A*d*.	Do.	Do.	„	„	2,800	„	..	..	6,048	„	„	„	1,064	„	„	„	..	„
21 A.	Black Oak	Do.	0·796	7	4,340	„	4,933	75	8,820	„	8,145	137	..	„	3,024	209	..	„
21 B.	Do.	Do.	„	„	4,424	„	„	„	7,728	„	„	„	3,276	„	„	„	..	„
21 C.	Do.	Do.	„	„	4,284	„	„	„	8,232	„	„	„	3,192	„	„	„	..	„
21 D.	Do.	Do.	„	„	4,032	„	„	„	7,803	„	„	„	2,604	„	„	„	..	„
22 A.	Mahogany	Do.	0·599	9	3,640	„	3,887	77	6,085	„	6,016	140	10,080	„	10,080	202	..	„
22 B.	Do.	Do.	„	„	3,528	„	„	„	„	„	„	„	„	„	„	„	..	„
22 C.	Do.	Do.	„	„	3,136	„	„	„	5,880	„	„	„	„	166	„	„	..	„
22 D.	Do.	Do.	„	„	3,472	„	„	„	„	„	„	„	„	„	„	„	..	„

TABLE IX.—*continued.*

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water being 1·000.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
58 A.	Mahogany - -	Liberia - -	0·834	6	4,928	31	..	..	7,728	99	8,064	137	2,212	166	6,146	205	..	223
58 B.	Do. - -	Do. - -	„	„	5,152	„	..	..	8,400	„	„	„	10,080	„	„	„	..	„
1 A.	Bogum Bogum -	New South Wales (North).	0·684	8	2,912	„	3,374	78	6,608	100	5,656	141	2,744	„	2,744	209	..	224
1 B.	Do. - -	Do. - -	„	„	3,836	„	„	„	4,704	„	„	„	„	„	„	„	..	„
3 A.	Goorie - -	Do. - -	0·856	6	4,480	„	4,732	76	7,840	„	7,911	137	3,640	„	3,645	208	..	„
3 B.	Do. - -	Do. - -	„	„	5,040	„	„	„	8,363	„	„	„	4,032	„	„	„	..	„
3 C.	Do. - -	Do. - -	„	„	4,676	„	„	„	7,532	„	„	„	2,725	„	„	„	..	„
4 A.	- - -	Do. - -	0·742	7	4,032	„	..	..	5,348	„	6,062	140	1,400	„	2,044	210	..	„
4 B.	- - -	Do. - -	„	„	4,172	„	..	..	6,776	„	„	„	2,688	„	„	„	..	„
5 A.	Bush Bastard, or White Box.	Do. - -	1·065	2	5,992	„	5,774	74	8,363	„	7,511	138	4,779	„	4,704	207	..	„
5 B.	Do. - -	Do. - -	„	„	5,432	„	„	„	7,504	„	„	„	4,144	„	„	„	..	„
5 C.	Do. - -	Do. - -	„	„	5,096	33	„	„	6,636	„	„	„	5,189	„	„	„	..	„
5 D.	Do. - -	Do. - -	„	„	5,516	„	„	„	7,541	„	„	„	„	„	„	„	..	„
6 A.	Red Box - -	Do. - -	0·903	5	3,668	„	4,007	77	5,096	„	5,082	142	3,920	„	5,119	206	..	„
6 B.	Do. - -	Do. - -	„	„	3,752	„	„	„	4,480	„	„	„	10,080	„	„	„	..	„
6 C.	Do. - -	Do. - -	„	„	4,228	„	„	„	5,264	„	„	„	2,744	„	„	„	..	„
6 D.	Do. - -	Do. - -	„	„	3,640	„	„	„	5,488	„	„	„	3,783	„	„	„	..	„
7 A.	Buranna - -	Do. - -	0·860	6	3,080	„	3,450	78	4,816	„	4,788	„	10,080	„	10,080	202	..	„
7 B.	Do. - -	Do. - -	„	„	3,192	„	„	„	4,760	„	„	„	„	„	„	„	..	„
10 A.	Box of Illawarra -	Do. - -	0·777	7	4,060	„	3,990	77	4,984	„	5,250	141	4,405	„	4,904	206	..	„
10 B.	Do. - -	Do. - -	„	„	3,920	„	„	„	5,516	„	„	„	5,404	167	„	„	..	„
12 D.	Gouipham - -	Do. - -	1·137	1	2,352	„	2,372	80	5,992	„	5,992	140	4,312	„	4,312	207	..	„
13 A.	Wobul - -	Do. - -	0·939	4	6,076	„	..	..	8,848	„	8,386	136	4,144	„	4,592	„	..	„
13 B.	Do. - -	Do. - -	„	„	6,468	„	..	..	7,924	„	„	„	5,040	„	„	„	..	„
14 A.	- - -	Do. - -	0·845	6	5,320	„	5,208	75	7,336	„	7,952	137	4,424	„	4,414	„	..	„
14 B.	- - -	Do. - -	„	„	5,096	„	„	„	8,568	„	„	„	4,405	„	„	„	..	„
15 A.	Moreton Bay Pine	Do. - -	0·482	10	2,912	„	..	..	..	„	..	..	..	„	..	..	..	„
15 B.	Do. - -	Do. - -	„	„	2,464	„	..	..	..	„	..	..	..	„	..	..	..	„
15 C.	Do. - -	Do. - -	„	„	1,904	„	..	..	..	„	..	..	..	„	..	..	..	„
15 D.	Do. - -	Do. - -	„	„	2,576	„	..	..	..	„	..	..	..	„	..	..	..	„
17 A.	- - -	Do. - -	0·715	8	3,640	„	3,948	77	5,292	„	5,334	141	6,608	„	7,317	204	..	„

17 B.	- -	Do. - -	„	„	4,256	„	„	„	5,376	„	„	„	8,027	„	„	„	..	„
19 A.	Cherry - -	Do. - -	0·578	9	2,912	„	3,052	79	4,592	„	4,508	142	10,080	„	10,080	202	..	„
19 B.	Do. - -	Do. - -	„	„	3,192	„	„	„	4,424	„	„	„	„	„	„	„	..	„
21 A.	Wootarie - -	Do. - -	0·901	5	5,600	„	5,824	74	6,832	„	7,224	138	5,336	„	4,684	207	..	„
21 B.	Do. - -	Do. - -	„	„	6,046	„	„	„	7,616	„	„	„	4,032	„	„	„	..	„
22 A.	Woorrodii - -	Do. - -	0·556	9	2,044	„	2,404	79	4,200	„	4,069	142	5,376	„	7,678	204	..	„
22 B.	Do. - -	Do. - -	„	„	2,240	„	„	„	4,032	„	„	„	7,579	„	„	„	..	„
22 C.	Do. - -	Do. - -	„	„	2,492	„	„	„	„	„	„	„	„	„	„	„	..	„
22 D.	Do. - -	Do. - -	„	„	2,576	„	„	„	3,976	„	„	„	10,080	„	„	„	..	„
23 A.	- - -	Do. - -	0·735	8	4,256	„	3,913	77	6,020	„	5,614	141	2,016	„	3,504	209	..	„
23 B.	- - -	Do. - -	„	„	3,920	„	„	„	5,656	„	„	„	4,256	„	„	„	..	„
23 C.	- - -	Do. - -	„	„	„	„	„	„	5,320	„	„	„	5,320	„	„	„	..	„
23 D.	- - -	Do. - -	„	„	3,556	„	„	„	5,460	„	„	„	2,427	„	„	„	..	„
24 A.	Ash, Beech, and Flindosa.	Do. - -	0·740	7	5,488	„	5,215	75	7,252	„	7,198	138	3,285	„	5,072	206	..	„
24 B.	Do. - -	Do. - -	„	„	5,516	„	„	„	7,803	„	„	„	4,032	„	„	„	..	„
24 C.	Do. - -	Do. - -	„	„	4,368	„	„	„	6,720	„	„	„	10,080	„	„	„	..	„
24 D.	Do. - -	Do. - -	„	„	5,488	„	„	„	7,000	„	„	„	2,912	„	„	„	..	„
25 A.	- - -	Do. - -	0·614	9	3,248	„	3,396	78	5,152	„	5,189	142	5,433	„	7,547	204	..	„
25 B.	- - -	Do. - -	„	„	3,192	„	„	„	5,348	„	„	„	10,080	„	„	„	..	„
25 C.	- - -	Do. - -	„	„	3,108	„	„	„	4,853	„	„	„	7,181	168	„	„	..	„
25 D.	- - -	Do. - -	„	„	2,800	„	„	„	5,404	„	„	„	„	„	„	„	..	„
26 A.	Cherry of the Clarence.	Do. - -	0·755	7	4,536	„	4,508	76	5,600	„	5,740	140	10,080	„	8,232	203	..	„
26 B.	Do. - -	Do. - -	„	„	4,480	„	„	„	5,880	„	„	„	6,384	„	„	„	..	„
27 A.	Native Tamarind -	Do. - -	0·754	„	4,480	„	4,069	77	5,152	„	5,357	141	3,360	„	2,482	210	..	„
27 B.	Do. - -	Do. - -	„	„	3,808	„	„	„	5,432	„	„	„	1,456	„	„	„	..	„
27 C.	Do. - -	Do. - -	„	„	3,920	„	„	„	5,488	„	„	„	2,632	„	„	„	..	„
28 A.	Native Plum -	Do. - -	0·982	3	6,944	„	6,972	73	7,280	„	8,848	135	4,256	„	4,251	207	..	„
28 B.	Do. - -	Do. - -	„	„	6,412	„	„	„	10,192	„	„	..	5,328	„	„	„	..	„
28 C.	Do. - -	Do. - -	„	„	6,608	„	„	„	8,736	„	„	„	3,024	„	„	„	..	„
28 D.	Do. - -	Do. - -	„	„	7,280	„	„	„	9,184	„	„	„	4,396	„	„	„	..	„
35 A.	- - -	Do. - -	0·507	10	2,548	„	2,590	79	4,536	„	4,858	142	8,624	„	9,352	203	..	„
35 B.	- - -	Do. - -	„	„	2,632	„	„	„	5,180	„	„	„	10,080	„	„	„	..	„
36 A.	- - -	Do. - -	0·896	5	5,824	„	6,297	73	8,428	„	8,106	137	4,256	„	4,088	208	..	„
36 B.	- - -	Do. - -	„	„	6,188	„	„	„	7,784	„	„	„	3,920	„	„	„	..	„
40 A.	Uroobie - -	Do. - -	1·006	3	6,216	„	7,028	73	7,728	102	8,288	136	5,115	„	4,822	207	..	225
40 B.	Do. - -	Do. - -	„	„	7,168	„	„	„	8,736	„	„	„	5,432	„	„	„	..	„
40 C.	Do. - -	Do. - -	„	„	7,000	„	„	„	8,400	„	„	„	3,920	„	„	„	..	„
43 A.	Native Orange -	Do. - -	0·917	4	4,900	„	5,711	74	6,608	„	7,448	138	5,115	„	6,440	205	..	„
43 B.	Do. - -	Do. - -	„	„	4,984	„	„	„	8,288	„	„	„	5,482	„	„	„	..	„
44 A.	Black Myrtle -	Do. - -	0·765	7	3,696	„	4,068	77	7,168	„	5,922	140	3,920	„	4,676	207	..	„
44 B.	Do. - -	Do. - -	„	„	4,480	„	„	„	4,676	„	„	„	6,608	„	„	„	..	„
45 A.	- - -	Do. - -	0·674	8	3,640	„	4,466	76	5,376	„	5,488	141	6,272	„	6,524	205	..	„
45 B.	- - -	Do. - -	„	„	4,480	„	„	„	5,600	„	„	„	6,832	„	„	„	..	„

TABLE IX.—*continued.*

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water being 1·000.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
47 A.	Rosewood	New South Wales (North).	0·849	6	4,480	33	4,802	76	7,728	102	7,659	137	2,520	168	9,277	203	..	225
47 B.	Do.	Do.	,,	,,	5,320	,,	,,	,,	7,560	,,	,,	,,	7,728	,,	,,	,,	..	,,
47 C.	Do.	Do.	,,	,,	4,200	,,	,,	,,	,,	,,	,,	,,	5,320	,,	,,	,,	..	,,
47 D.	Do.	Do.	,,	,,	5,208	,,	,,	,,	7,691	,,	,,	,,	10,080	,,	,,	,,	..	,,
51 A.	Pencil Cedar	Do.	0·792	7	4,480	35	4,515	76	6,944	,,	6,454	139	3,080	,,	2,333	210	..	,,
51 B.	Do.	Do.	,,	,,	4,536	,,	,,	,,	6,692	,,	,,	,,	2,408	,,	,,	,,	..	,,
51 C.	Do.	Do.	,,	,,	3,892	,,	,,	,,	6,020	,,	,,	,,	,,	,,	,,	,,	..	,,
51 D.	Do.	Do.	,,	,,	5,152	,,	,,	,,	6,160	,,	,,	,,	1,512	,,	,,	,,	..	,,
53 A.	-	Do.	0·935	4	5,544	,,	5,530	74	7,084	,,	6,902	,,	3,304	169	6,692	205	..	,,
53 B.	-	Do.	,,	,,	5,516	,,	,,	,,	6,720	,,	,,	,,	10,080	,,	,,	,,	..	,,
54 A.	-	Do.	0·939	,,	5,936	,,	5,632	74	7,952	,,	8,092	137	7,877	,,	6,094	,,	..	,,
54 B.	-	Do.	,,	,,	5,320	,,	,,	,,	8,232	,,	,,	,,	4,312	,,	,,	,,	..	,,
60 A.	Hickory, Lignum Vitæ.	Do.	0·954	,,	6,384	,,	7,453	72	8,176	,,	8,512	136	4,480	,,	4,242	207	..	,,
60 B.	Do.	Do.	,,	,,	7,168	,,	,,	,,	8,848	,,	,,	,,	4,004	,,	,,	,,	..	,,
61 A.	Flindosa	Do.	0·743	7	5,852	,,	5,292	75	7,112	,,	6,901	139	6,692	,,	6,146	205	..	,,
61 B.	Do.	Do.	,,	,,	4,984	,,	,,	,,	6,720	,,	,,	,,	3,584	,,	,,	,,	..	,,
61 C.	Do.	Do.	,,	,,	5,040	,,	,,	,,	6,636	,,	,,	,,	8,736	,,	,,	,,	..	,,
61 D.	Do.	Do.	,,	,,	5,292	,,	,,	,,	7,137	,,	,,	,,	5,572	,,	,,	,,	..	,,
63 A.	Flintamendosa	Do.	0·956	4	7,504	,,	6,972	73	11,088	,,	10,248	134	4,741	,,	3,882	208	..	,,
63 B.	Do.	Do.	,,	,,	6,440	,,	,,	,,	9,408	,,	,,	,,	3,024	,,	,,	,,	..	,,
64 A.	Tea Tree	Do.	1·058	2	4,844	,,	4,998	75	6,384	,,	7,168	138	3,192	,,	3,220	209	..	,,
64 B.	Do.	Do.	,,	,,	5,152	,,	,,	,,	7,952	,,	,,	,,	3,248	,,	,,	,,	..	,,
66 A.	Bastard Myall	Do.	0·871	5	5,600	,,	5,502	74	6,692	,,	7,531	,,	1,680	,,	2,338	210	..	,,
66 B.	Do.	Do.	,,	,,	5,404	,,	,,	,,	8,400	,,	,,	,,	2,996	,,	,,	,,	..	,,
67 A.	-	Do.	0·959	4	6,244	,,	5,908	,,	9,436	,,	8,932	135	4,443	,,	5,581	206	..	,,
67 B.	-	Do.	,,	,,	5,572	,,	,,	,,	8,428	,,	,,	,,	6,720	,,	,,	,,	..	,,
68 A.	-	Do.	0·565	9	2,576	,,	2,408	79	3,836	,,	3,976	142	4,676	,,	4,312	207	..	,,
68 B.	-	Do.	,,	,,	2,240	,,	,,	,,	4,116	,,	,,	,,	3,948	,,	,,	,,	..	,,
69 A.	-	Do.	0·784	7	5,096	,,	4,774	76	7,131	,,	6,729	139	10,080	,,	7,014	204	..	,,
69 B.	-	Do.	,,	,,	4,452	,,	,,	,,	6,328	,,	,,	,,	3,360	,,	,,	,,	..	,,
71 A.	Swamp Oak	Do.	1·022	2	6,832	,,	6,935	78	7,924	,,	7,826	137	3,976	,,	4,620	207	..	,,
71 B.	Do.	Do.	,,	,,	6,356	,,	,,	,,	7,728	,,	,,	,,	5,264	,,	,,	,,	..	,,

74 A.	White Myrtle -	Do. - -	0·982	3	7,112	„	6,860	73	8,400	„	8,200	136	5,301	„	5,772	205	..	„	
74 B.	Do. - -	Do. - -	„	„	6,608	„	„	„	8,120	103	„	„	6,244	„	„	„	..	„	226
77 A.	Iron Bark of the Clarence.	Do. - -	1·157	1	7,840	„	8,036	72	12,320	„	12,264	134	4,928	„	5,002	206	..	„	
77 B.	Do. - -	Do. - -	„	„	8,232	„	„	„	12,208	„	„	„	5,077	„	„	„	..	„	
84 A.	Marblewood -	Do. - -	0·903	5	7,280	„	7,154	73	9,520	„	9,212	135	6,104	„	5,740	205	..	„	
84 B.	Do. - -	Do. - -	„	„	7,028	„	„	„	8,904	„	„	„	5,376	„	„	„	..	„	
88 A.	- - - -	Do. - -	0·982	3	6,356	„	6,370	„	8,624	„	8,638	136	6,496	„	6,720	204	..	„	
88 B.	- - - -	Do. - -	„	„	6,384	„	„	„	8,652	„	„	„	6,944	170	„	„	..	„	
89 A.	- - - -	Do. - -	0·905	5	6,494	„	7,423	„	8,960	„	8,792	„	4,368	„	4,830	206	..	„	
89 B.	- - - -	Do. - -	„	„	7,000	„	„	„	8,624	„	„	„	5,292	„	„	„	..	„	
93 A.	- - - -	Do. - -	0·674	8	3,640	„	3,500	78	8,544	„	5,880	140	10,080	„	10,080	202	..	„	
93 B.	- - - -	Do. - -	„	„	3,360	„	„	„	6,216	„	„	„	„	„	„	„	..	„	
102 A.	Flooded Gum -	Do. - -	0·958	4	4,900	„	4,965	75	7,803	„	7,949	137	„	„	8,540	203	..	„	
102 B.	Do. - -	Do. - -	„	„	4,984	„	„	„	7,840	„	„	„	„	„	„	„	..	„	
102 C.	Do. - -	Do. - -	„	„	4,312	„	„	„	8,344	„	„	„	3,920	„	„	„	..	„	
102 D.	Do. - -	Do. - -	„	„	„	„	„	„	7,812	„	„	„	10,080	„	„	„	..	„	
103 A.	Grey Gum - -	Do. - -	0·996	3	7,196	„	7,182	72	8,960	„	9,127	135	3,632	„	3,398	209	..	„	
103 B.	Do. - -	Do. - -	„	„	7,168	„	„	„	9,295	„	„	„	3,164	„	„	„	..	„	
104 A.	Bitter Bark -	Do. - -	0·715	8	4,704	„	4,816	76	6,692	„	6,478	139	4,424	„	4,158	208	..	„	
104 B.	Do. - -	Do. - -	„	„	4,928	„	„	„	6,804	„	„	„	3,892	„	„	„	..	„	
105 A.	Light Yellow Wood	Do. - -	0·687	„	4,256	„	3,976	77	6,720	„	7,149	138	4,004	„	4,774	207	..	„	
105 B.	Do. - -	Do. - -	„	„	3,696	„	„	„	7,579	„	„	„	5,544	„	„	„	..	„	
106 A.	Iron Wood - -	Do. - -	0·970	3	7,168	„	7,224	72	10,080	104	10,024	135	4,181	„	4,106	208	..	„	
106 B.	Do. - -	Do. - -	„	„	7,280	„	„	„	9,968	„	„	„	4,032	„	„	„	..	„	
109 A.	Swamp Mahogany	Do. - -	0·793	7	4,200	„	3,990	77	7,504	„	6,944	139	5,563	„	5,525	206	..	„	
109 B.	Do. - -	Do. - -	„	„	3,780	„	„	„	6,384	„	„	„	5,488	„	„	„	..	„	
111 A.	Water Gum -	Do. - -	0·968	4	5,208	„	5,605	74	8,400	„	6,804	„	5,432	„	7,135	204	..	„	
111 B.	Do. - -	Do. - -	„	„	5,040	37	„	„	6,160	„	„	„	6,384	„	„	„	..	„	
111 C.	Do. - -	Do. - -	„	„	5,124	„	„	„	6,384	„	„	„	8,624	„	„	„	..	„	
111 D.	Do. - -	Do. - -	„	„	5,012	„	„	„	6,272	„	„	„	8,101	„	„	„	..	„	
137 A.	Wallandum Deyem	New South Wales (South).	0·935	„	4,872	41	5,367	„	6,468	109	6,888	„	..	175	4,872	206	..	230	
137 B.	Do. - -	Do. - -	„	„	5,376	„	„	„	7,308	„	„	„	4,872	„	„	„	..	„	
139 A.	White Myrtle, Blue Ash.	Do. - -	0·571	9	..	..	2,576	79	3,472	„	3,472	143	10,080	„	„	„	..	„	
140 A.	Light Wood -	Do. - -	0·600	„	3,136	43	3,472	78	5,152	„	5,264	141	„	„	9,501	203	..	„	
140 B.	Do. - -	Do. - -	„	„	3,808	„	„	„	5,376	„	„	„	8,923	176	„	„	..	„	
154 A.	Red Ash - -	Do. - -	0·821	6	5,264	„	4,886	75	8,960	110	8,232	136	6,720	„	7,140	204	..	„	
154 B.	Do. - -	Do. - -	„	„	4,508	„	„	„	7,504	„	„	„	7,560	„	„	„	..	„	
155 A.	Found at Illawarra	Do. - -	0·752	7	4,648	„	4,984	„	5,912	„	5,980	140	10,080	„	10,080	202	..	„	
155 B.	Do. - -	Do. - -	„	„	5,320	„	„	„	6,048	„	„	„	„	„	„	„	..	„	
171 A.	White Beech -	Do. - -	0·859	6	2,240	„	2,380	79	3,304	„	3,549	143	4,144	„	7,973	203	..	„	
171 B.	Do. - -	Do. - -	„	„	„	„	„	„	3,640	„	„	„	10,080	„	„	„	..	„	
171 C.	Do. - -	Do. - -	„	„	2,184	„	„	„	3,136	„	„	„	7,588	„	„	„	..	„	

TABLE IX.—*continued.*

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water being 1·000.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
171 D.	White Beech	New South Wales (South).	0·859	6	2,856	43	2,830	79	4,116	110	3,549	143	10,080	176	7,973	203	..	230
177 A.	Mountain Ash	Do.	0·750	7	4,480	„	4,832	76	6,272	„	6,426	140	„	„	10,080	202	..	„
177 B.	Do.	Do.	„	„	4,284	„	„	„	„	„	„	„	„	„	„	„	„	„
177 C.	Do.	Do.	„	„	3,808	„	„	„	7,000	„	„	„	„	„	„	„	„	„
177 D.	Do.	Do.	„	„	4,144	„	„	„	6,160	„	„	„	„	„	„	„	„	„
1 A.	Blue Gum	New South Wales (from Hunter River).	1·016	3	7,000	„	..	..	..	..	..	..	..	..	..	..	..	..
3 A.	Grey Gum	Do.	..	..	7,168	„	..	..	..	..	..	..	..	..	..	..	..	..
5 A.	Iron Bark	Do.	..	..	8,008	„	..	..	..	..	..	..	..	..	..	..	..	..
5 B.	Do.	Do.	..	..	8,120	„	..	..	..	..	..	..	..	..	..	..	..	..
6 B.	Mahogany	Do.	1·016	3	3,360	„	..	..	..	..	..	..	..	..	..	..	..	..
7 A.	Tea Tree	Do.	..	..	3,192	„	..	..	..	..	..	..	..	..	..	..	..	..
7 A*a*.	Do.	Do.	..	..	2,128	„	..	..	.	..	..	..	..	..	..	..	..	..
8 A.	Iron Bark	Do.	..	..	9,445	„	..	..	..	..	..	..	..	..	..	..	..	..
8 B.	Do.	Do.	..	..	9,156	„	..	..	..	..	..	..	..	..	..	..	..	..
9 A.	Blue Gum	Do.	..	..	6,860	„	6,860	73	..	..	..	..	..	..	..	..	..	..
A.	Pine	Do.	..	..	3,845	„	3,845	77	..	..	..	..	..	..	..	..	..	..
57 B.	Hickory	New South Wales (South).	..	..	5,320	41	..	..	6,608	198	..	..	7,644	174	..	..	..	230
57 C.	Do.	Do.	..	..	5,208	„	..	..	7,084	„	..	..	5,936	175	..	..	..	„
57 D.	Do.	Do.	..	..	4,928	„	..	..	6,720	„	..	..	7,784	„	..	..	..	„
59 A.	Prickly Tea Tree	Do.	0·810	6	3,472	„	3,880	77	6,384	„	6,384	140	10,080	„	10,080	202	..	„
59 B.	Do.	Do.	„	„	3,584	„	„	„	„	„	„	„	„	„	„	„	..	„
60 A.	Common Tea Tree	Do.	0·911	5	4,256	„	4,065	77	6,356	„	5,824	141	6,608	„	7,317	204	..	„
60 B.	Do.	Do.	„	„	3,472	„	„	„	4,984	„	„	„	10,080	„	„	„	..	„
60 C.	Do.	Do.	„	„	3,360	„	„	„	6,132	„	„	„	5,264	„	„	„	..	„
64 A.	Broad-leaved Tea Tree.	Do.	1·004	3	5,678	„	6,159	73	8,708	109	8,974	135	5,208	„	4,340	207	..	„
64 B.	Do.	Do.	„	„	5,432	„	„	„	9,240	„	„	„	3,472	„	„	„	..	„
70 A.	Myrtle	Do.	0·961	4	6,272	„	6,191	„	7,896	„	8,288	136	3,864	„	4,340	207	..	„
70 B.	Do.	Do.	„	„	4,984	„	„	„	8,680	„	„	„	4,816	„	„	„	..	„
84 A.	Black Wattle of Illawarra.	Do.	„	4	6,916	„	7,499	72	8,736	„	8,456	136	5,544	„	5,572	206	..	„

84 B.	Do. - -	Do. - -	„	„	6,720	„	„	„	8,176	„	„	„	5,600	„	„	„	..	„
105 A.	River or White Oak.	Do. - -	0·997	3	6,552	„	6,006	74	9,296	„	8,288	136	6,552	„	6,412	205	..	„
105 B.	Do. - -	Do. - -	„	„	5,460	„	„	„	7,280	„	„	„	6,272	„	„	„	..	„
108 A.	Beech Brush Cherry	Do. - -	0·834	6	3,360	„	3,789	77	5,880	„	5,810	141	10,080	„	10,080	202	..	„
108 B.	Do. - -	Do. - -	„	„	3,528	„	„	„	5,740	„	„	„	„	„	„	„	..	„
120 A.	Teak Wood -	Do. - -	0·661	9	1,456	„	2,254	80	4,816	„	4,536	142	7,504	„	8,386	203	..	„
120 B.	Do. - -	Do. - -	„	„	3,052	„	„	„	4,256	„	„	„	9,268	„	„	„	..	„
125 A.	Maiden's Blush -	Do. - -	0·614	„	2,184	„	2,659	79	3,340	„	3,769	„	10,080	„	10,080	202	..	„
125 B.	Do. - -	Do. - -	„	„	2,576	„	„	„	3,696	„	„	„	„	„	„	„	..	„
125 C.	Do. - -	Do. - -	„	„	3,080	„	„	„	4,008	„	„	„	„	„	„	„	..	„
125 D.	Do. - -	Do. - -	„	„	2,576	„	„	„	4,032	„	„	„	„	„	„	„	..	„
127 A.	Tamarind Tree -	Do. - -	0·680	8	3,808	„	3,808	77	6,468	„	6,468	139	6,720	„	6,720	204	..	„
136 A.	White Myrtle, Blue Ash.	Do. - -	0·737	„	2,576	„	3,379	78	..	„	4,433	142	6,272	„	..	..	..	„
136 B.	Do. - -	Do. - -	„	„	3,360	„	„	„	4,256	„	„	„	5,824	„	..	..	..	„
136 C.	Do. - -	Do. - -	„	„	3,360	„	„	„	4,340	„	„	„	10,080	„	..	..	..	„
136 D.	Do. - -	Do. - -	„	„	3,080	„	„	„	4,704	„	„	„	7,804	„	..	..	..	„
46 A.	Stringy Bark of Coast.	Do. - -	0·965	4	6,552	39	6,384	73	9,296	107	9,233	135	10,080	174	10,080	202	..	229
46 B.	Do. - -	Do. - -	„	„	6,384	„	„	„	8,960	„	„	„	„	„	„	„	..	„
46 C.	Do. - -	Do. - -	„	„	5,880	„	„	„	9,464	„	„	„	„	„	„	„	..	„
46 D.	Do. - -	Do. - -	„	„	6,720	„	„	„	9,212	„	„	„	„	„	„	„	..	„
47 A.	Stringy Bark, Appin	Do. - -	0·898	5	7,000	41	6,860	„	9,352	108	8,708	136	2,968	„	2,968	209	..	„
47 B.	Do. - -	Do. - -	„	„	6,720	„	„	„	8,792	„	„	„	..	„	„	„	..	„
47 C.	Do. - -	Do. - -	„	„	..	„	„	„	8,456	„	„	„	..	„	„	„	..	„
47 D.	Do. - -	Do. - -	„	„	..	„	„	„	8,232	„	„	„	..	„	„	„	..	„
48 A.	Stringy Bark, Camden,	Do. - -	1·008	3	5,936	„	6,209	„	8,792	„	8,547	„	10,080	„	4,410	207	..	„
48 B.	Do. - -	Do. - -	„	„	6,244	„	„	„	8,288	„	„	„	2,408	„	„	„	..	„
48 C.	Do. - -	Do. - -	„	„	6,572	„	„	„	8,960	„	„	„	2,688	„	„	„	..	„
48 D.	Do. - -	Do. - -	„	„	6,384	„	„	„	8,148	„	„	„	2,464	„	„	„	..	„
49 A.	Stringy Bark, Berrima.	Do. - -	0·920	4	5,600	„	5,428	74	7,532	„	7,522	138	10,080	„	10,080	202	..	„
49 B.	Do. - -	Do. - -	„	„	5,208	„	„	„	7,728	„	„	„	„	„	„	„	..	„
49 C.	Do. - -	Do. - -	„	„	5,768	„	„	„	7,812	„	„	„	„	„	„	„	..	„
49 D.	Do. - -	Do. - -	„	„	5,124	„	„	„	7,019	„	„	„	„	„	„	„	..	„
52 A.	Apple Tree of Coast	Do. - -	0·838	6	4,760	„	4,202	77	7,168	„	„	„	„	„	„	„	..	„
52 B.	Do. - -	Do. - -	„	„	3,528	„	„	„	7,280	„	..	..	„	„	4,200	208	..	„
52 C.	Do. - -	Do. - -	„	„	4,480	„	„	„	6,757	„	..	..	2,464	„	„	„	..	„
52 D.	Do. - -	Do. - -	„	„	4,060	„	„	„	7,224	„	..	..	2,408	„	„	„	..	„
53 A.	Apple Tree	Do. - -	0·868	5	2,800	„	3,264	78	4,480	„	5,161	142	1,848	„	„	„	..	„
53 B.	Do. - -	Do. - -	„	„	2,856	„	„	„	5,096	„	„	„	10,080	„	10,080	202	..	„
53 C.	Do. - -	Do. - -	„	„	3,192	„	„	„	6,440	„	„	„	„	„	„	„	..	„
53 D.	Do. - -	Do. - -	„	„	3,024	„	„	„	4,629	„	„	„	„	„	„	„	..	„

TABLE IX.—*continued.*

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water being 1·000.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
54 A.	Turpentine	New South Wales, (South).	1·008	3	5,544	41	..	..	7,840	108	7,840	137	3,248	174	6,664	205	..	229
54 B.	Do.	Do.	„	„	5,376	„	..	..	„	„	„	„	10,080	„	„	„	..	„
55 A.	Water Gum	Do.	0·999	„	6,440	„	6,622	73	5,880	„	6,684	139	7,448	„	8,764	203	..	230
55 B.	Do.	Do.	„	„	5,600	„	„	„	7,488	„	„	„	10,080	„	„	„	..	„
57 A.	Hickory	Do.	0·881	5	„	„	5,657	74	6,972	„	6,846	„	6,636	„	7,000	204	..	„
27 A.	Black Butt Gum	Do.	0·946	4	6,412	39	7,103	73	7,840	107	8,449	136	2,800	173	8,064	203	..	228
27 B.	Do.	Do.	„	„	6,104	„	„	„	8,932	„	„	„	10,080	„	„	„	..	„
27 C.	Do.	Do.	„	„	5,992	„	„	„	8,848	„	„	„	1,568	„	„	„	..	„
27 D.	Do.	Do.	„	„	6,888	„	„	„	8,176	„	„	„	1,680	„	„	„	..	„
26 C.	Spotted or Mottled Gum.	Do.	1·006	3	..	„	..	..	„	106	8,260	„	4,256	„	3,752	208	..	„
26 D.	Do.	Do.	„	„	..	„	..	..	8,344	107	„	„	3,248	„	„	„	..	„
37 A.	-	Do.	1·093	2	6,720	„	5,992	74	8,792	„	9,072	135	„	„	7,308	204	..	„
37 B.	-	Do.	„	„	5,264	„	„	„	8,624	„	„	„	3,696	„	„	„	..	„
37 C.	-	Do.	„	„	..	„	„	„	7,728	„	„	„	3,752	„	„	„	..	„
37 D.	-	Do.	„	„	..	„	„	„	11,144	„	„	„	3,920	„	„	„	..	„
38 A.	Grey Gum	Do.	1·083	„	6,328	„	6,356	73	8,736	„	8,666	136	2,772	„	2,744	209	..	„
38 B.	Do.	Do.	„	„	5,712	„	„	„	8,568	„	„	„	2,632	„	„	„	..	„
38 C.	Do.	Do.	„	„	7,280	„	„	„	9,324	„	„	„	2,688	„	„	„	..	229
38 D.	Do.	Do.	„	„	6,104	„	„	„	8,036	„	„	„	2,884	„	„	„	..	„
40 A.	Messmate	Do.	1·024	3	5,880	„	..	..	7,448	„	7,588	137	2,632	„	2,765	„	..	„
40 B.	Do.	Do.	„	„	5,964	„	..	..	7,672	„	„	„	3,164	„	„	„	..	„
40 C.	Do.	Do.	„	„	5,936	„	..	..	„	„	„	„	2,464	„	„	„	..	„
40 D.	Do.	Do.	„	„	6,216	„	..	..	7,560	„	„	„	2,800	„	„	„	..	„
42 A.	Swamp Mahogany	Do.	0·951	4	5,040	„	5,451	74	7,224	„	7,280	138	10,080	„	7,737	204	..	„
42 B.	Do.	Do.	„	„	5,712	„	„	„	7,392	„	„	„	„	„	„	„	..	„
42 C.	Do.	Do.	„	„	5,600	„	„	„	7,224	„	„	„	3,052	„	„	„	..	„
43 A.	Swamp Mahogany	Do.	0·836	6	4,480	„	4,438	76	5,964	„	5,488	141	10,080	„	10,080	202	..	„
43 B.	Do.	Do.	„	„	4,704	„	„	„	5,600	„	„	„	„	„	„	„	..	„
43 C.	Do.	Do.	„	„	4,088	„	„	„	5,768	„	„	„	„	174	„	„	..	„
43 D.	Do.	Do.	„	„	4,480	„	„	„	4,620	„	„	„	„	„	„	„	..	„
44 A.	Mahogany	Do.	1·009	3	5,516	„	6,118	73	7,644	„	7,884	137	„	„	„	„	..	„
44 B.	Do.	Do.	„	„	6,720	„	„	„	7,476	„	„	„	„	„	„	„	..	„

44 C.	Do. - -	Do. - -	..	..	..	..	..	..	8,240	„	„	„	..	..	..	..	..	„
44 D.	Do. - -	Do. - -	..	..	..	..	..	..	8,176	„	„	„	..	..	..	..	..	„
17 C.	Dthackai Courroo	Do. - -	1·120	2	6,570	39	..	..	9,632	106	..	..	5,320	172	..	..	..	223
17 D.	Do. - -	Do. - -	„	„	7,392	„	..	..	9,856	„	..	..	3,584	„	..	..	..	„
18 A.	Blue Gum of Coast Districts.	Do. - -	0·986	3	4,032	„	4,265	77	5,292	„	5,740	141	3,360	„	6,160	205	..	„
18 B.	Do. - -	Do. - -	„	„	4,144	„	„	„	5,488	„	„	„	5,600	„	„	„	..	„
18 C.	Do. - -	Do. - -	„	„	4,620	„	„	„	6,440	„	„	„	3,360	„	„	„	..	„
19 A.	Blue Gum of Camden.	Do. - -	1·044	2	3,472	„	3,416	78	6,048	„	6,552	139	10,080	„	7,560	204	..	„
19 B.	Do. - -	Do. - -	„	„	3,360	„	„	„	6,328	„	„	„	7,840	„	„	„	..	„
19 C.	Do. - -	Do. - -	„	„	3,360	„	„	„	7,616	„	„	„	6,720	„	„	„	..	„
19 D.	Do. - -	Do. - -	„	„	3,472	„	„	„	6,216	„	„	„	5,600	„	„	„	..	„
20 A.	Blue Gum - -	Do. - -	1·050	2	3,668	„	4,074	77	6,720	„	6,778	„	6,720	„	8,400	203	..	„
20 B.	Do. - -	Do. - -	„	„	4,480	„	„	„	6,860	„	„	„	10,080	„	„	„	..	„
20 C.	Do. - -	Do. - -	„	„	..	„	„	„	6,533	„	„	„	..	„	„	„	..	„
20 D.	Do. - -	Do. - -	„	„	..	„	„	„	7,000	„	„	„	..	„	„	„	..	„
21 A.	Blue Gum - -	Do. - -	1·134	1	7,728	„	7,364	72	8,400	„	8,498	136	4,032	„	6,993	204	..	„
21 B.	Do. - -	Do. - -	„	„	7,000	„	„	„	8,736	„	„	„	10,080	„	„	„	..	„
21 C.	Do. - -	Do. - -	„	„	..	„	„	„	8,512	„	„	„	..	„	„	„	..	„
21 D.	Do. - -	Do. - -	„	„	..	„	„	„	8,344	„	„	„	3,780	173	„	„	..	„
23 A.	Grey Gum - -	Do. - -	1·084	2	5,656	„	6,048	74	8,540	„	9,212	135	6,244	173	5,306	206	..	„
23 B.	Do. - -	Do. - -	„	„	6,440	„	„	„	8,344	„	„	„	4,368	„	„	„	..	„
23 C.	Do. - -	Do. - -	„	„	..	„	„	„	10,025	„	„	„	..	„	„	„	..	„
23 D.	Do. - -	Do. - -	„	„	..	„	„	„	9,940	„	„	„	..	„	„	„	..	„
24 A.	Woolly Butt of Illawarra.	Do. - -	0·972	3	6,720	„	6,468	73	8,624	„	7,560	137	2,072	„	2,044	210	..	„
24 B.	Do. - -	Do. - -	„	„	6,216	„	„	„	6,720	„	„	„	2,016	„	„	„	..	„
24 C.	Do. - -	Do. - -	„	„	..	„	„	„	8,960	„	„	„	..	„	„	„	..	„
24 D.	Do. - -	Do. - -	„	„	..	„	„	„	5,936	„	„	„	..	„	„	„	..	„
25 A.	Rough-barked Gum	Do. - -	1·117	2	6,636	„	6,230	73	7,504	„	8,001	„	4,032	„	3,864	208	..	„
25 B.	Do. - -	Do. - -	„	„	5,824	„	„	„	„	„	„	„	3,864	„	„	„	..	„
25 C.	Do. - -	Do. - -	„	„	..	„	„	„	8,288	„	„	„	3,752	„	„	„	..	„
25 D.	Do. - -	Do. - -	„	„	..	„	„	„	8,708	„	„	„	3,808	„	„	„	..	„
8 C.	Do. - -	Do. - -	„	„	7,700	37	„	„	..	„	„	„	3,276	171	„	„	..	„
8 D.	Do. - -	Do. - -	„	„	7,952	„	„	„	10,108	105	„	„	3,640	„	„	„	..	„
10 A.	Box of Illawarra -	Do. - -	1·074	2	4,620	„	6,064	74	8,120	„	10,759	134	8,960	„	8,673	203	..	„
10 B.	Do. - -	Do. - -	„	„	5,488	„	„	„	7,728	„	„	„	10,080	„	„	„	..	„
10 C.	Do. - -	Do. - -	„	„	5,152	„	„	„	7,616	„	„	„	5,572	„	„	„	..	„
10 D.	Do. - -	Do. - -	„	„	8,008	„	„	„	9,128	„	„	„	10,080	„	„	„	..	„
11 A.	Bastard Box of Illawarra.	Do. - -	1·117	1	9,856	„	8,582	72	10,948	„	..	..	4,144	„	3,752	208	..	„
11 B.	Do. - -	Do. - -	„	„	7,308	„	„	„	10,920	„	..	..	4,032	„	„	„	..	„
11 C.	Do. - -	Do. - -	„	„	..	„	„	„	10,304	„	..	..	3,640	„	„	„	..	„
11 D.	Do. - -	Do. - -	„	„	..	„	„	„	10,864	„	..	..	3,192	„	„	„	..	„

TABLE IX.—*continued.*

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water being 1·000.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
12 A.	True or Yellow Box of Camden.	New South Wales (South).	1·068	2	3,808	37	3,472	78	6,664	105	6,259	140	3,920	171	7,560	204	..	228
12 B.	Do. - -	Do. - -	„	„	3,192	„	„	„	6,216	„	„	„	4,256	172	„	„	..	„
12 C.	Do. - -	Do. - -	„	„	3,416	„	„	„	5,899	„	„	„	6,944	„	„	„	..	„
13 A.	Bastard Box -	Do. - -	1·143	„	9,408	„	8,757	72	11,200	„	11,221	134	3,920	„	4,538	207	..	„
13 B.	Do. - -	Do. - -	„	„	8,400	„	„	„	10,724	„	„	„	6,720	„	„	„	..	„
13 C.	Do. - -	Do. - -	„	„	8,372	„	„	„	10,864	„	„	„	3,854	„	„	„	..	„
13 D.	Do. - -	Do. - -	„	„	8,848	„	„	„	12,096	„	„	„	3,659	„	„	„	..	„
13 *Ac.*	Do. - -	Do. - -	„	„	..	„	..	..	11,536	„	11,144	134	3,192	„	3,780	208	..	„
13 *Ad.*	Do. - -	Do. - -	„	„	..	„	..	..	10,752	„	„	„	4,368	„	„	„	..	„
14 A.	Bastard Box -	Do. - -	1·083	„	8,876	„	..	..	10,080	„	9,655	135	2,884	„	2,989	209	..	„
14 B.	Do. - -	Do. - -	„	„	7,336	„	..	..	8,736	„	„	„	3,024	„	„	„	..	„
14 C.	Do. - -	Do, - -	„	„	6,216	„	..	..	9,800	„	„	„	2,716	„	„	„	..	„
14 D.	Do. - -	Do. - -	„	„	7,280	„	..	..	10,005	„	„	„	3,332	„	„	„	..	„
15 A.	Box - - -	Do. - -	1·065	„	4,480	„	5,501	74	6,496	„	7,012	139	3,976	„	4,634	207	..	„
15 B.	Do. - -	Do. - -	„	„	5,600	„	„	„	7,448	„	„	„	4,480	„	„	„	..	„
15 C.	Do. - -	Do. - -	„	„	5,432	„	„	„	7,003	„	„	„	10,080	„	„	„	..	„
16 A.	Flooded Gum -	Do. - -	1·050	„	4,256	„	4,681	76	6,440	„	6,440	140	7,840	„	7,840	203	..	„
17 A.	Dthackai Courroo -	Do. - -	1·120	„	7,728	„	7,728	72	10,080	106	9,632	135	3,724	„	4,557	207	..	„
17 B.	Do. - -	Do. - -	„	„	„	39	„	„	8,960	„	„	„	5,600	„	„	„	..	„
114 A.	Brush Iron Bark -	Do. - -	0·982	3	4,256	37	4,943	75	7,000	104	6,622	139	2,352	170	2,520	210	..	226
114 B.	Do. - -	Do. - -	„	„	4,732	„	„	„	6,244	„	„	„	2,688	„	„	„	..	„
1 A.	White or Pale Iron Bark.	New South Wales (South).	1·204	1	9,912	„	11,158	72	12,320	104	13,349	134	5,656	170	5,243	206	..	„
1 B.	Do. - -	Do. - -	„	„	11,648	„	„	„	14,366	„	„	„	5,292	„	„	„	..	„
1 C.	Do. - -	Do. - -	„	„	10,080	„	„	„	13,384	„	„	„	5,488	„	„	„	..	„
1 D.	Do. - -	Do. - -	„	„	9,996	„	„	„	13,328	„	„	„	4,536	171	„	„	..	„
2 A.	White Iron Bark -	Do. - -	1·173	1	8,624	„	8,316	„	10,024	„	10,332	„	5,292	„	4,746	207	..	„
2 B.	Do. - -	Do. - -	„	„	7,784	„	„	„	10,640	„	„	„	4,200	„	„	„	..	„
2 C.	Do. - -	Do. - -	„	„	8,540	„	„	„	„	„	„	„	„	„	„	„	..	„
3 A.	Iron Bark - -	Do. - -	1·192	„	6,832	„	8,103	„	„	„	10,640	„	4,144	„	7,252	204	..	„
3 B.	Do. - -	Do. - -	„	„	8,204	„	„	„	„	„	„	„	5,264	„	„	„	..	„
3 C.	Do. - -	Do. - -	„	„	7,812	„	„	„	„	„	„	„	5,096	„	„	„	..	„

4 A.	*Broad-leaved Rough* Iron Bark.	Do. - -	1·148	„	7,112	„	7,651	„	9,856	„	9,401	135	3,808	„	3,928	208	..	„
4 B.	Do. - -	Do. - -	„	„	7,560	„	„	„	8,988	„	„	„	„	„	„	„	..	„
4 C.	Do. - -	Do. - -	„	„	8,316	„	„	„	9,352	„	„	„	4,928	„	„	„	..	„
4 D.	Do. - -	Do. - -	„	„	7,616	„	„	„	9,408	„	„	„	3,148	„	„	„	..	„
5 A.	Iron Bark - -	Do. - -	..	„	8,792	„	8,442	„	10,864	„	10,458	134	10,080	„	4,839	204	..	„
5 B.	Do. - -	Do. - -	..	„	8,400	„	„	„	10,304	„	„	„	4,480	„	„	„	..	„
5 C.	Do. - -	Do. - -	..	„	7,840	„	„	„	10,080	„	„	„	7,840	„	„	„	..	„
5 D.	Do. - -	Do. - -	..	„	8,736	„	„	„	10,584	„	„	„	4,956	„	„	„	..	„
7 A.	Narrow - leaved Smooth or Red Iron Bark.	Do. - -	1·187	„	7,364	„	6,804	73	10,565	105	9,860	135	3,360	„	3,724	208	..	„
7 B.	Do. - -	Do. - -	„	„	..	„	„	„	10,416	„	„	„	3,640	„	„	„	..	„
7 C.	Do. - -	Do. - -	„	„	6,244	„	„	„	9,520	„	„	„	4,816	„	„	„	..	„
8 A.	Narrow-leaved Iron Bark.	Do. - -	1·124	„	7,952	„	7,826	72	8,940	„	10,458	134	..	„	3,458	209	..	„
8 B.	Do. - -	Do. - -	..	„	7,588	„	„	„	10,108	„	„	„	..	„	„	„	..	„
1 A.	Bunya Bunya -	Queensland -	0·513	9	2,996	43	..	..	..	..	..	..	..	..	..	..	..	230
1 B.	Do. - -	Do. - -	„	„	3,052	„	..	..	..	..	..	..	..	..	..	..	..	„
1 A*a*.	Do. - -	Do. - -	„	„	2,660	„	..	..	..	..	..	..	..	..	..	..	.	„
1 A*b*.	Do. - -	Do. - -	„	„	2,800	„	..	..	..	..	..	..	..	..	..	..	..	„
2 A.	Moreton Bay Pine -	Do. - -	0·465	10	2,240	„	..	..	..	..	..	..	..	..	..	..	..	„
2 B.	Do. - -	Do. - -	„	„	2,184	„	..	..	..	..	..	..	..	..	..	..	..	„
2 A*a*.	Do. - -	Do. - -	„	„	2,427	„	..	..	..	..	..	..	..	..	..	..	..	„
2 A*b*.	Do. - -	Do. - -	„	„	3,360	„	..	..	..	..	..	..	..	..	..	..	..	„
4 A.	Cypress Pine -	Do. - -	0·935	4	2,240	„	2,464	79	4,816	111	4,816	142	9,744	177	9,744	208	..	231
5 A.	She Pine - -	Do. - -	0·600	9	3,024	„	2,996	„	4,732	„	4,676	„	10,080	„	10,080	202	..	„
5 B.	Do. - -	Do. - -	„	„	3,080	„	„	„	4,620	„	„	„	„	„	„	„	..	„
5 A*a*.	Do. - -	Do. - -	„	„	3,248	„	„	„	5,348	„	5,208	„	„	„	„	„	..	„
5 A*b*.	Do. - -	Do. - -	„	„	2,632	„	„	„	5,068	„	„	„	„	„	„	„	..	„
6 A.	Forest Oak - -	Do. - -	1·090	2	6,720	„	5,047	75	8,624	„	8,064	137	3,920	„	6,916	204	..	„
6 B.	Do. - -	Do. - -	„	„	5,460	„	„	„	7,504	„	„	„	9,912	„	„	„	..	„
6 A*a*.	Do. - -	Do. - -	„	„	3,864	„	„	„	5,880	„	6,300	140	6,272	„	6,272	205	..	„
6 A*b*.	Do. - -	Do. - -	„	„	4,144	„	„	„	6,720	„	„	„	„	„	„	„	..	„
7 A.	River Oak - -	Do. - -	0·832	6	2,800	„	2,984	79	5,544	„	5,544	141	1,568	„	1,568	210	..	„
8 A.	Shingle Oak -	Do. - -	0·781	7	2,632	„	2,884	„	5,227	„	5,021	142	5,336	„	6,560	205	..	„
8 B.	Do. - -	Do. - -	„	„	2,744	„	„	„	4,816	„	„	„	7,784	„	„	„	..	„
8 A*a*.	Do. - -	Do. - -	„	„	3,192	„	„	„	4,340	„	4,186	„	„	„	8,932	203	..	„
8 A*b*.	Do. - -	Do. - -	„	„	2,968	„	„	„	4,032	„	„	„	10,080	„	„	„	..	„
9 A.	Swamp Oak -	Do. - -	1·240	1	5,852	45	5,796	74	11,116	„	9,968	135	9,212	„	7,406	204	..	„
9 B.	Do. - -	Do. - -	„	„	5,740	„	„	„	8,820	„	„	„	5,600	„	„	„	..	„
10 A.	Red Cedar - -	Do. - -	0·599	9	2,520	„	2,072	80	3,248	„	3,472	142	10,080	„	9,968	203	..	„
10 B.	Do. - -	Do. - -	„	„	1,120	„	„	„	3,696	„	„	„	9,856	„	„	„	..	„
10 A*a*.	Do. - -	Do. - -	„	„	2,296	„	„	„	3,724	„	3,430	„	10,080	„	10,080	„	..	„
10 A*b*.	Do. - -	Do. - -	„	„	1,848	„	„	„	3,136	„	„	„	„	„	„	„	..	„

TABLE IX.—*continued.*

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water being 1·000.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
12 A.	True or Yellow Box of Camden.	New South Wales (South).	1·068	2	3,808	37	3,472	78	6,664	105	6,259	140	3,920	171	7,560	204	..	228
12 B.	Do.	Do.	,,	,,	3,192	,,	,,	,,	6,216	,,	,,	,,	4,256	172	,,	,,	..	,,
12 C.	Do.	Do.	,,	,,	3,416	,,	,,	,,	5,899	,,	,,	,,	6,944	,,	,,	,,	..	,,
13 A.	Bastard Box	Do.	1·143	,,	9,408	,,	8,757	72	11,200	,,	11,221	134	3,920	,,	4,538	207	..	,,
13 B.	Do.	Do.	,,	,,	8,400	,,	,,	,,	10,724	,,	,,	,,	6,720	,,	,,	,,	..	,,
13 C.	Do.	Do.	,,	,,	8,372	,,	,,	,,	10,864	,,	,,	,,	3,854	,,	,,	,,	..	,,
13 D.	Do.	Do.	,,	,,	8,848	,,	,,	,,	12,096	,,	,,	,,	3,659	,,	,,	,,	..	,,
13 A*c*.	Do.	Do.	,,	,,	..	,,	..	..	11,536	,,	11,144	134	3,192	,,	3,780	208	..	,,
13 A*d*.	Do.	Do.	,,	,,	..	,,	..	..	10,752	,,	,,	,,	4,368	,,	,,	,,	..	,,
14 A.	Bastard Box	Do.	1·083	,,	8,876	,,	..	..	10,080	,,	9,655	135	2,884	,,	2,989	209	..	,,
14 B.	Do.	Do.	,,	,,	7,336	,,	..	..	8,736	,,	,,	,,	3,024	,,	,,	,,	..	,,
14 C.	Do.	Do.	,,	,,	6,216	,,	..	..	9,800	,,	,,	,,	2,716	,,	,,	,,	..	,,
14 D.	Do.	Do.	,,	,,	7,280	,,	..	..	10,005	,,	,,	,,	3,332	,,	,,	,,	..	,,
15 A.	Box	Do.	1·065	,,	4,480	,,	5,501	74	6,496	,,	7,012	139	3,976	,,	4,634	207	..	,,
15 B.	Do.	Do.	,,	,,	5,600	,,	,,	,,	7,448	,,	,,	,,	4,480	,,	,,	,,	..	,,
15 C.	Do.	Do.	,,	,,	5,432	,,	,,	,,	7,003	,,	,,	,,	10,080	,,	,,	,,	..	,,
16 A.	Flooded Gum	Do.	1·050	,,	4,256	,,	4,681	76	6,440	,,	6,440	140	7,840	,,	7,840	203	..	,,
17 A.	Dthackai Courroo	Do.	1·120	,,	7,728	,,	7,728	72	10,080	106	9,632	135	3,724	,,	4,557	207	..	,,
17 B.	Do.	Do.	,,	,,	,,	39	,,	,,	8,960	,,	,,	,,	5,600	,,	,,	,,	..	,,
114 A.	Brush Iron Bark	Do.	0·982	3	4,256	37	4,943	75	7,000	104	6,622	139	2,352	170	2,520	210	..	226
114 B.	Do.	Do.	,,	,,	4,732	,,	,,	,,	6,244	,,	,,	,,	2,688	,,	,,	,,	..	,,
1 A.	White or Pale Iron Bark.	New South Wales (South).	1·204	1	9,912	,,	11,158	72	12,320	104	13,349	134	5,656	170	5,243	206	..	,,
1 B.	Do.	Do.	,,	,,	11,648	,,	,,	,,	14,366	,,	,,	,,	5,292	,,	,,	,,	..	,,
1 C.	Do.	Do.	,,	,,	10,080	,,	,,	,,	13,384	,,	,,	,,	5,488	,,	,,	,,	..	,,
1 D.	Do.	Do.	,,	,,	9,996	,,	,,	,,	13,328	,,	,,	,,	4,536	171	,,	,,	..	,,
2 A.	White Iron Bark	Do.	1·173	1	8,624	,,	8,316	,,	10,024	,,	10,332	,,	5,292	,,	4,746	207	..	,,
2 B.	Do.	Do.	,,	,,	7,784	,,	,,	,,	10,640	,,	,,	,,	4,200	,,	,,	,,	..	,,
2 C.	Do.	Do.	,,	,,	8,540	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	..	,,
3 A.	Iron Bark	Do.	1·192	,,	6,832	,,	8,103	,,	,,	,,	10,640	,,	4,144	,,	7,252	204	..	,,
3 B.	Do.	Do.	,,	,,	8,204	,,	,,	,,	,,	,,	,,	,,	5,264	,,	,,	,,	..	,,
3 C.	Do.	Do.	,,	,,	7,812	,,	,,	,,	,,	,,	,,	,,	5,096	,,	,,	,,	..	,,

4 A.	*Broad-leaved Rough* Iron Bark.	Do. - -	1·148	„	7,112	„	7,651	„	9,856	„	9,401	135	3,808	„	3,923	208	..	„
4 B.	Do. - -	Do. - -	„	„	7,560	„	„	„	8,988	„	„	„	„	„	„	„	..	„
4 C.	Do. - -	Do. - -	„	„	8,316	„	„	„	9,352	„	„	„	4,928	„	„	„	..	„
4 D.	Do. - -	Do. - -	„	„	7,616	„	„	„	9,408	„	„	„	3,148	„	„	„	..	„
5 A.	Iron Bark - -	Do. - -	..	„	8,792	„	8,442	„	10,864	„	10,458	134	10,080	„	6,839	204	..	„
5 B.	Do. - -	Do. - -	..	„	8,400	„	„	„	10,304	„	„	„	4,480	„	„	„	..	„
5 C.	Do. - -	Do. - -	..	„	7,840	„	„	„	10,080	„	„	„	7,840	„	„	„	..	„
5 D.	Do. - -	Do. - -	..	„	8,736	„	„	„	10,584	„	„	„	4,956	„	„	„	..	„
7 A.	Narrow - leaved Smooth or Red Iron Bark.	Do. - -	1·187	„	7,364	„	6,804	73	10,565	105	9,860	135	3,360	„	3,724	208	..	„
7 B.	Do. - -	Do. - -	„	„	..	„	„	„	10,416	„	„	„	3,640	„	„	„	..	„
7 C.	Do. - -	Do. - -	„	„	6,244	„	„	„	9,520	„	„	„	4,816	„	„	„	..	„
8 A.	Narrow-leaved Iron Bark.	Do. - -	1·124	„	7,952	„	7,826	72	8,940	„	10,458	134	..	„	3,458	209	..	„
8 B.	Do. - -	Do. - -	..	„	7,588	„	„	„	10,108	„	„	„	..	„	„	„	..	„
1 A.	Bunya Bunya -	Queensland -	0·513	9	2,996	43	..	..	..	..	..	..	..	..	..	..	..	230
1 B.	Do. - -	Do. - -	„	„	3,052	„	..	..	..	..	..	..	..	..	..	..	..	„
1 A*a*.	Do. - -	Do. - -	„	„	2,660	„	..	..	..	..	..	..	..	..	..	..	.	„
1 A*b*.	Do. - -	Do. - -	„	„	2,800	„	..	..	..	..	..	..	..	..	..	..	..	„
2 A.	Moreton Bay Pine -	Do. - -	0·465	10	2,240	„	..	..	..	..	..	..	..	..	..	..	..	„
2 B.	Do. - -	Do. - -	„	„	2,184	„	..	..	..	..	..	..	..	..	..	..	..	„
2 A*a*.	Do. - -	Do. - -	„	„	2,427	„	..	..	..	..	..	..	..	..	..	..	..	„
2 A*b*.	Do. - -	Do. - -	„	„	3,360	„	..	..	..	..	..	..	..	..	..	..	..	„
4 A.	Cypress Pine -	Do. - -	0·935	4	2,240	„	2,464	79	4,816	111	4,816	142	9,744	177	9,744	208	..	231
5 A.	She Pine - -	Do. - -	0·600	9	3,024	„	2,996	„	4,732	„	4,676	„	10,080	„	10,080	202	..	„
5 B.	Do. - -	Do. - -	„	„	3,080	„	„	„	4,620	„	„	„	„	„	„	„	..	„
5 A*a*.	Do. - -	Do. - -	„	„	3,248	„	„	„	5,348	„	5,208	„	„	„	„	„	..	„
5 A*b*.	Do. - -	Do. - -	„	„	2,632	„	„	„	5,068	„	„	„	„	„	„	„	..	„
6 A.	Forest Oak - -	Do. - -	1·090	2	6,720	„	5,047	75	8,624	„	8,064	137	3,920	„	6,916	204	..	„
6 B.	Do. - -	Do. - -	„	„	5,460	„	„	„	7,504	„	„	„	9,912	„	„	„	..	„
6 A*a*.	Do. - -	Do. - -	„	„	3,864	„	„	„	5,880	„	6,300	140	6,272	„	6,272	205	..	„
6 A*b*.	Do. - -	Do. - -	„	„	4,144	„	„	„	6,720	„	„	„	„	„	„	„	..	„
7 A.	River Oak - -	Do. - -	0·832	6	2,800	„	2,984	79	5,544	„	5,544	141	1,568	„	1,568	210	..	„
8 A.	Shingle Oak -	Do. - -	0·781	7	2,632	„	2,884	„	5,227	„	5,021	142	5,336	„	6,560	205	..	„
8 B.	Do. - -	Do. - -	„	„	2,744	„	„	„	4,816	„	„	„	7,784	„	„	„	..	„
8 A*a*.	Do. - -	Do. - -	„	„	3,192	„	„	„	4,340	„	4,186	„	„	„	8,932	203	..	„
8 A*b*.	Do. - -	Do. - -	„	„	2,968	„	„	„	4,032	„	„	„	10,080	„	„	„	..	„
9 A.	Swamp Oak -	Do. - -	1·240	1	5,852	45	5,796	74	11,116	„	9,968	135	9,212	„	7,406	204	..	„
9 B.	Do. - -	Do. - -	„	„	5,740	„	„	„	8,820	„	„	„	5,600	„	„	„	..	„
10 A.	Red Cedar - -	Do. - -	0·599	9	2,520	„	2,072	80	3,248	„	3,472	142	10,080	„	9,968	203	..	„
10 B.	Do. - -	Do. - -	„	„	1,120	„	„	„	3,696	„	„	„	9,856	„	„	„	..	„
10 A*a*.	Do. - -	Do. - -	„	„	2,296	„	„	„	3,724	„	3,430	„	10,080	„	10,080	„	..	„
10 A*b*.	Do. - -	Do. - -	„	„	1,848	„	„	„	3,136	„	„	„	„	„	„	„	..	„

TABLE IX.—*continued.*

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water being 1·000.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
11 A.	Light Yellow Wood	Queensland	0·667	8	4,312	45	3,997	77	5,301	111	5,296	141	6,384	177	8,232	203	..	231
11 B.	Do.	Do.	,,	,,	3,920	,,	,,	,,	5,292	,,	,,	,,	10,080	,,	,,	,,	..	,,
11 A*a*.	Do.	Do.	,,	,,	4,088	,,	,,	,,	5,152	,,	5,320	,,	,,	,,	7,708	204	..	,,
11 A*b*.	Do.	Do.	,,	,,	3,668	,,	,,	,,	5,488	,,	,,	,,	5,336	,,	,,	,,	..	,,
12 A.	Flindosa	Do.	0·986	3	7,252	,,	6,139	73	7,840	,,	8,246	136	2,277	,,	3,342	210	..	,,
12 B.	Do.	Do.	,,	,,	4,928	,,	,,	,,	8,652	,,	,,	,,	2,408	,,	,,	,,	..	,,
12 A*a*.	Do.	Do.	,,	,,	6,776	,,	,,	,,	8,792	,,	8,834	,,	2,352	,,	2,660	,,	..	,,
12 A*b*.	Do.	Do.	,,	,,	5,600	,,	,,	,,	8,876	,,	,,	,,	2,968	,,	,,	,,	..	,,
13 A.	-	Do.	0·815	6	4,480	,,	..	..	5,488	,,	5,460	141	6,356	,,	6,370	205	..	,,
13 B.	-	Do.	,,	,,	3,136	,,	..	..	5,432	,,	,,	,,	6,384	,,	,,	,,	..	,,
13 A*a*.	-	Do.	,,	,,	3,696	,,	..	..	6,048	,,	5,810	,,	6,664	,,	6,734	204	..	,,
13 A*b*.	-	Do.	,,	,,	4,340	,,	..	..	5,072	,,	,,	,,	6,804	,,	,,	,,	..	,,
14 A.	-	Do.	0·407	10	784	,,	..	..	..	..	..	..	..	..	..	..	..	,,
14 B.	-	Do.	,,	,,	..	,,	..	..	..	..	..	..	..	..	..	..	..	,,
15 A.	Silky Oak	Do.	0·780	7	2,088	,,	2,772	79	5,040	112	4,592	142	4,256	178	4,326	207	..	,,
15 B.	Do.	Do.	,,	,,	3,024	,,	,,	,,	4,144	,,	,,	,,	4,396	,,	,,	,,	..	,,
15 A*a*.	Do.	Do.	,,	,,	2,996	,,	,,	,,	4,816	,,	4,368	,,	10,080	,,	10,080	202	..	,,
15 A*b*.	Do.	Do.	,,	,,	2,380	,,	,,	,,	3,920	,,	,,	,,	,,	,,	,,	,,	..	,,
16 A.	Beef Wood	Do.	0·588	9	2,184	,,	2,065	80	3,276	,,	3,318	143	8,400	,,	9,240	203	..	,,
16 B.	Do.	Do.	,,	,,	2,128	,,	,,	,,	3,360	,,	,,	,,	10,080	,,	,,	,,	..	,,
16 A*a*.	Do.	Do.	,,	,,	2,044	,,	,,	,,	3,220	,,	3,248	,,	,,	,,	8,750	,,	..	,,
16 A*b*.	Do.	Do.	,,	,,	1,904	,,	,,	,,	3,276	,,	,,	,,	7,420	,,	,,	,,	..	,,
17 A.	Tulip Tree	Do.	0·771	7	3,304	,,	3,535	78	7,392	,,	6,776	139	5,600	,,	5,992	205	..	,,
17 B.	Do.	Do.	,,	,,	3,528	,,	,,	,,	6,160	,,	,,	,,	6,384	,,	,,	,,	..	,,
17 A*a*.	Do.	Do.	,,	,,	3,752	,,	,,	,,	5,600	,,	6,580	,,	7,392	,,	5,936	,,	..	,,
17 A*b*.	Do.	Do.	,,	,,	3,556	,,	,,	,,	7,560	,,	,,	,,	4,480	,,	,,	,,	..	,,
18 A.	-	Do.	0·488	10	1,820	,,	..	..	..	..	..	..	..	..	..	..	..	,,
18 B.	-	Do.	,,	,,	859	,,	..	..	..	..	..	..	..	..	..	..	..	,,
19 A.	Light Wood	Do.	0·906	5	5,936	,,	5,705	74	7,252	112	7,224	138	4,928	178	4,088	208	..	,,
19 B.	Do.	Do.	,,	,,	5,376	,,	,,	,,	7,196	,,	,,	,,	3,248	,,	,,	,,	..	,,
19 A*a*.	Do.	Do.	,,	,,	6,104	,,	,,	,,	6,664	,,	7,756	137	3,304	,,	3,178	209	..	,,
19 A*b*.	Do.	Do.	,,	,,	5,404	,,	,,	,,	8,848	,,	,,	,,	3,052	,,	,,	,,	..	,,
20 A.	Callhum	Do.	0·984	3	5,936	,,	4,550	76	11,032	,,	11,564	134	3,360	,,	4,368	207	..	,,
20 B.	Do.	Do.	,,	,,	8,400	,,	,,	,,	12,096	,,	,,	,,	5,376	,,	,,	,,	..	,,

20 A*a*.	Do.	Do.	"	"	3,360	"	"	"	5,376	"	5,712	141	3,080	"	6,580	205	..	"
20 A*b*.	Do.	Do.	"	"	3,192	"	"	"	6,048	"	"	"	10,080	"	"	"	..	"
20 B*a*.	Do.	Do.	"	"	3,052	"	"	"	5,516	"	5,474	"	"	"	10,080	202	..	"
20 B*b*.	Do.	Do.	"	"	3,360	"	"	"	5,432	"	"	"	..	"	"	"	..	"
21 A.	Cabbage Tree	Do.	0·935	4	2,744	"	2,576	79	4,984	"	5,208	142	..	"	..	..	..	"
21 B.	Do.	Do.	"	"	2,408	"	"	"	5,432	"	"	"	..	"	..	..	..	"
23 A.	Mountain Ash	Do.	0·990	3	4,984	"	5,593	74	5,740	"	..	..	..	"	..	..	..	"
23 B.	Do.	Do.	"	"	4,004	"	"	"	8,400	"	..	..	4,592	"	4,592	207	..	"
23 A*a*.	Do.	Do.	"	"	7,336	"	"	"	8,708	"	8,460	136	4,144	"	4,298	"	..	"
23 A*b*.	Do.	Do.	"	"	6,048	"	"	"	8,213	"	"	"	4,452	"	"	"	..	"
24 A.	Broad-leaved Cherry	Do.	1·070	2	6,384	"	6,517	73	11,172	"	10,052	134	3,976	179	3,864	208	..	"
24 B.	Do.	Do.	"	"	"	"	"	"	8,932	"	"	"	3,752	"	"	"	..	"
24 A*a*.	Do.	Do.	"	"	6,692	47	"	"	8,876	113	9,114	135	3,696	"	3,752	"	..	"
24 A*b*.	Do.	Do.	"	"	6,608	"	"	"	9,352	"	"	"	3,808	"	"	"	..	"
25 A.	Cherry	Do.	0·805	6	3,080	"	3,507	78	5,903	"	5,726	141	3,360	"	3,901	"	..	"
25 B.	Do.	Do.	"	"	3,276	"	"	"	5,544	"	"	"	4,443	"	"	"	..	"
25 A*a*.	Do.	Do.	"	"	4,368	"	"	"	5,292	"	5,208	"	6,720	"	5,506	206	..	232
25 A*b*.	Do.	Do.	"	"	3,304	"	"	"	5,124	"	"	"	4,203	"	"	"	..	"
28 A.	Mangrove	Do.	0·874	5	2,996	"	2,954	79	4,368	"	4,685	142	10,080	"	10,080	202	..	"
28 B.	Do.	Do.	"	"	3,528	"	"	"	5,003	"	"	"	"	"	"	"	..	"
28 A*a*.	Do.	Do.	"	"	2,408	"	"	"	4,144	"	4,270	"	"	"	10,080	"	..	"
28 A*b*.	Do.	Do.	"	"	2,884	"	"	"	4,396	"	"	"	"	"	"	"	..	"
29 A.	Lignum Vitæ	Do.	1·182	1	5,488	"	5,565	74	7,803	"	8,003	137	5,544	"	4,956	206	..	"
29 B.	Do.	Do.	"	"	5,572	"	"	"	8,204	"	"	"	4,368	"	"	"	..	"
29 A*a*.	Do.	Do.	"	"	5,600	"	"	"	7,728	"	7,672	"	6,720	"	6,650	205	..	"
29 A*b*.	Do.	Do.	"	"	"	"	"	"	7,616	"	"	"	6,580	"	"	"	..	"
30 A.	Beech	Do.	0·710	8	3,304	"	3,276	78	4,256	"	4,452	142	3,780	"	3,780	208	..	"
30 B.	Do.	Do.	"	"	3,024	"	"	"	4,648	"	"	"	..	"	"	"	..	"
30 A*a*.	Do.	Do.	"	"	3,360	"	"	"	4,816	"	4,811	"	5,264	"	4,522	207	..	"
30 A*b*.	Do.	Do.	"	"	3,416	"	"	"	4,806	"	"	"	3,780	"	"	"	..	"
31 A.	White Cedar	Do.	0·638	9	2,464	"	2,105	80	4,144	"	4,144	"	5,096	"	5,236	206	..	"
31 B.	Do.	Do.	"	"	"	"	"	"	..	"	"	"	5,376	"	"	"	..	"
31 A*a*.	Do.	Do.	"	"	2,184	"	"	"	4,928	"	4,816	"	6,720	"	6,664	205	..	"
31 A*b*.	Do.	Do.	"	"	1,307	"	"	"	4,704	"	"	"	6,608	"	"	"	..	"
32 A.	Plum Tree	Do.	0·906	5	5,264	"	5,033	75	7,803	"	7,345	138	4,368	"	3,724	208	..	"
32 B.	Do.	Do.	"	"	5,124	"	"	"	6,888	"	"	"	3,080	"	"	"	..	"
32 A*a*.	Do.	Do.	"	"	5,488	"	"	"	6,048	"	5,740	141	2,996	"	2,786	209	..	"
32 A*b*.	Do.	Do.	"	"	4,256	"	"	"	5,432	"	"	"	2,576	"	"	"	..	"
33 A.	Rosewood	Do.	0·744	7	4,452	"	3,850	77	6,048	"	5,908	140	6,132	"	8,106	203	..	"
33 B.	Do.	Do.	"	"	4,004	"	"	"	5,768	"	"	"	10,080	"	"	"	..	"
33 A*a*.	Do.	Do.	"	"	3,472	"	"	"	5,320	"	5,590	141	7,616	"	8,848	"	..	"
33 A*b*.	Do.	Do.	"	"	3,472	"	"	"	5,861	"	"	"	10,080	"	"	"	..	"
34 A.	Dark Yellow Wood	Do.	0·776	"	4,648	"	4,634	76	8,240	"	8,376	136	5,488	"	3,710	208	..	"
34 B.	Do.	Do.	"	"	4,620	"	"	"	8,512	"	"	"	1,932	"	"	"	..	"
35 A.	Cugerie	Do.	0·682	8	2,800	"	3,003	79	6,884	"	5,852	141	5,040	"	7,560	204	..	"
35 B.	Do.	Do.	"	"	2,464	"	"	"	5,320	114	"	"	10,080	"	"	"	..	"

TABLE IX.—*continued.*

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water being 1·000.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
35 A*a*.	Cugerie	Queensland	0·682	8	3,380	47	3,003	79	5,264	114	5,306	141	10,080	179	10,080	203	..	232
35 A*b*.	Do.	Do.	„	„	3,360	„	„	„	5,348	„	„	„	„	„	„	„	..	„
36 A.	-	Do.	0·952	4	5,012	„	4,893	75	8,848	„	8,092	137	4,443	„	5,385	206	..	„
36 B.	-	Do.	„	„	4,480	„	„	„	7,336	„	„	„	6,323	„	„	„	..	„
36 A*a*.	-	Do.	„	„	5,600	„	„	„	9,744	„	9,016	135	6,888	„	7,728	204	..	„
36 A*b*.	-	Do.	„	„	4,480	„	„	„	8,288	„	„	„	8,568	„	„	„	..	„
37 A.	-	Do.	0·675	8	1,636	..	..	..	2,576	„	4,256	142	..	„	..	..	..	„
37 B.	-	Do.	„	„	728	..	..	..	5,936	„	„	„	..	„	..	..	..	„
38 A.	Grey Plum	Do.	0·846	6	2,520	47	2,520	79	3,892	„	4,158	142	10,024	180	7,140	204	..	„
38 B.	Do.	Do.	„	„	2,576	„	„	„	4,424	„	„	„	4,256	„	„	„	..	„
38 A*a*.	Do.	Do.	„	„	3,576	„	„	„	4,760	„	4,900	138	3,248	„	3,066	209	..	„
38 A*b*.	Do.	Do.	„	„	2,408	„	„	„	5,040	„	„	„	2,884	„	„	„	..	„
39 A.	Sassafras	Do.	0·755	7	3,052	„	3,115	79	4,704	„	„	142	10,080	„	10,080	202	..	„
39 B.	Do.	Do.	„	„	3,556	„	„	„	5,096	„	„	„	10,080	„	„	„	..	„
39 A*a*.	Do.	Do.	„	„	3,108	„	„	„	4,284	„	4,214	„	8,848	„	9,464	203	..	„
39 A*b*.	Do.	Do.	„	„	2,744	„	„	„	4,144	„	„	„	10,080	„	„	„	..	„
40 A.	-	Do.	0·990	3	3,696	„	4,354	76	6,972	„	7,210	138	9,520	„	9,632	„	..	„
40 B.	-	Do.	„	„	4,200	„	„	„	7,448	„	„	„	9,744	„	„	„	..	„
40 A*a*.	-	Do.	„	„	4,480	„	„	„	9,296	„	8,400	136	6,244	„	5,810	205	..	„
40 A*b*.	-	Do.	„	„	5,040	„	„	„	7,504	„	„	„	5,376	„	„	„	..	„
41 A.	-	Do.	0·872	5	3,164	49	3,140	78	5,600	„	5,824	141	6,720	„	8,400	203	..	„
41 B.	-	Do.	„	„	2,800	„	„	„	6,048	„	„	„	10,080	„	„	„	..	„
43 A.	Tamarind Tree	Do.	0·656	9	2,548	„	2,401	79	3,920	„	3,920	142	8,960	„	9,520	„	..	„
43 B.	Do.	Do.	„	„	1,456	„	„	„	3,920	„	„	„	10,080	„	„	„	..	„
43 A*a*.	Do.	Do.	„	„	3,360	„	„	„	4,928	„	4,956	„	5,152	„	3,360	209	..	„
43 A*b*.	Do.	Do.	„	„	2,240	„	„	„	4,984	„	„	„	1,668	„	„	„	..	„
44 A.	Tulip Wood	Do.	1·091	2	5,992	„	5,948	74	8,036	„	7,490	138	6,440	181	5,936	205	..	„
44 B.	Do.	Do.	„	„	5,516	„	„	„	6,944	„	„	„	5,432	„	„	„	..	„
44 A*a*.	Do.	Do.	„	„	6,384	„	„	„	6,421	„	7,321	137	5,040	„	5,096	206	..	„
44 A*b*.	Do.	Do.	„	„	5,880	„	„	„	9,221	„	„	„	5,152	„	„	„	..	„
45 A.	-	Do.	0·920	4	4,760	„	4,886	75	6,328	„	6,440	140	6,888	„	5,782	205	..	„
45 B.	-	Do.	„	„	4,760	„	„	„	6,552	115	„	„	4,676	„	„	„	..	„
45 A*a*.	-	Do.	„	„	4,984	„	„	„	6,720	„	6,944	139	2,968	„	3,892	208	..	„
45 A*b*.	-	Do.	„	„	5,040	„	„	„	7,168	„	„	„	4,816	„	„	„	..	„

46 A.	-	-	-	Do.	-	-	0·815	6	4,536	„	4,697	76	5,992	„	6,020	140	4,144	„	4,256	207	..	„
46 B.	-	-	-	Do.	-	-	„	„	4,284	„	„	„	6,048	„	„	„	4,368	„	„	„	..	„
46 A*a*.	-	-	-	Do.	-	-	„	„	5,376	„	„	„	6,468	„	6,468	139	5,152	„	5,152	206	..	„
46 A*b*.	-	-	-	Do.	-	-	„	„	4,592	„	„	„	..	„	„	„	..	„	„	„	..	„
47 A.	Lime	-	-	Do.	-	-	0·768	7	4,816	„	3,710	77	4,928	115	5,656	141	3,948	181	4,214	208	..	„
47 B.	Do.	-	-	Do.	-	-	„	„	3,808	„	„	„	6,384	„	„	„	4,480	„	„	„	..	„
47 A*a*.	Do.	-	-	Do.	-	-	„	„	3,136	„	„	„	5,544	„	5,922	140	6,104	„	6,398	205	..	„
47 A*b*.	Do.	-	-	Do.	-	-	„	„	3,080	„	„	„	6,300	„	„	„	6,692	„	„	„	..	„
48 A.	-	-	-	Do.	-	-	1·004	3	6,334	„	6,146	73	7,243	„	7,331	138	4,480	„	4,116	208	..	238
48 B.	-	-	-	Do.	-	-	„	„	5,600	„	„	„	7,420	„	„	„	3,752	„	„	„	..	„
48 A*a*.	-	-	-	Do.	-	-	„	„	7,252	„	„	„	8,316	„	8,918	135	4,172	„	4,046	„	..	„
48 A*b*.	-	-	-	Do.	-	-	„	„	5,348	„	„	„	9,520	„	„	„	3,920	„	„	„	..	„
49 A.	-	-	-	Do.	-	-	0·903	5	3,640	„	3,976	77	7,392	„	7,392	138	6,406	„	4,900	206	..	„
49 B.	-	-	-	Do.	-	-	„	„	3,584	„	„	„	7,392	„	„	„	3,304	„	„	„	..	„
49 A*a*.	-	-	-	Do.	-	-	„	„	4,480	„	„	„	7,756	„	7,518	„	4,368	„	3,434	209	..	„
49 A*b*.	-	-	-	Do.	-	-	„	„	4,200	„	„	„	7,280	„	„	„	2,501	„	„	„	..	„
50 A.	-	-	-	Do.	-	-	0·870	„	3,360	„	3,073	79	5,376	„	5,796	141	6,720	„	4,424	207	..	„
50 B.	-	-	-	Do.	-	-	„	„	2,716	„	„	„	6,216	„	„	„	2,128	„	„	„	..	„
50 A*a*.	-	-	-	Do.	-	-	„	„	3,584	„	„	„	5,600	„	5,628	„	1,848	„	2,044	210	..	„
50 A*b*.	-	-	-	Do.	-	-	„	„	2,632	„	„	„	5,656	„	„	„	2,240	„	„	„	..	„
51 A.	-	-	-	Do.	-	-	0·709	8	2,856	„	..	..	6,020	„	5,432	„	..	„	2,968	209	..	„
51 B.	-	-	-	Do.	-	-	„	„	2,800	„	..	..	4,844	„	„	„	3,696	„	„	„	..	„
52 A.	-	-	-	Do.	-	-	0·891	5	2,856	„	3,416	78	5,544	„	5,236	„	10,080	„	7,322	204	..	„
52 B.	-	-	-	Do.	-	-	„	„	2,968	„	„	„	4,928	„	„	„	4,564	„	„	„	..	„
52 A*a*.	-	-	-	Do.	-	-	„	„	3,920	„	„	„	5,880	„	6,104	140	8,699	182	7,840	208	..	„
52 A*b*.	-	-	-	Do.	-	-	„	„	3,920	„	„	„	6,328	„	„	„	6,981	„	„	„	..	„
53 A.	-	-	-	Do.	-	-	0·939	4	5,320	„	4,928	75	7,252	„	7,154	138	5,336	„	4,852	207	..	„
53 B.	-	-	-	Do.	-	-	„	„	4,928	„	„	„	7,056	„	„	„	4,368	„	„	„	..	„
53 A*a*.	-	-	-	Do.	-	-	„	„	4,732	„	„	„	6,496	„	6,188	140	3,276	„	„	„	..	„
53 A*b*.	-	-	-	Do.	-	-	„	„	4,732	„	„	„	5,880	„	„	„	2,968	„	„	„	..	„
54 A.	-	-	-	Do.	-	-	0·916	„	5,488	„	4,914	„	6,384	116	5,852	141	2,856	„	2,646	210	..	„
54 B.	-	-	-	Do.	-	-	„	„	5,048	„	„	„	5,320	„	„	„	2,436	„	„	„	..	„
54 A*a*.	-	-	-	Do.	-	-	„	„	5,600	„	„	„	6,860	„	7,126	138	5,320	„	7,700	204	..	„
54 A*b*.	-	-	-	Do.	-	-	„	„	3,528	„	„	„	7,392	„	„	„	10,080	„	„	„	..	„
55 A.	-	-	-	Do.	-	-	0·998	3	5,152	„	4,900	„	6,384	„	6,720	139	„	„	7,126	„	..	„
55 B.	-	-	-	Do.	-	-	„	„	5,628	„	„	„	7,056	„	„	„	4,172	„	„	„	..	„
55 A*a*.	-	-	-	Do.	-	-	„	„	4,956	51	„	„	6,020	„	5,950	140	2,576	„	6,328	205	..	„
55 A*b*.	-	-	-	Do.	-	-	„	„	3,864	„	„	„	5,880	„	„	„	10,080	„	„	„	..	„
56 A.	-	-	-	Do.	-	-	0·797	7	3,304	„	3,108	79	3,752	„	4,116	142	„	„	10,080	202	..	„
56 B.	-	-	-	Do.	-	-	„	„	3,080	„	„	„	4,480	„	„	„	„	„	„	„	..	„
56 A*a*.	-	-	-	Do.	-	-	„	„	3,248	„	„	„	5,600	„	4,928	„	„	„	10,080	„	..	„
56 A*b*.	-	-	-	Do.	-	-	„	„	2,800	„	„	„	4,256	„	„	„	„	„	„	„	..	„
57 A.	Ironwood	-	-	Do.	-	-	0·956	4	6,608	„	6,496	73	7,374	„	8,633	136	3,920	„	4,340	207	..	„
57 B.	Do.	-	-	Do.	-	-	„	„	6,384	„	„	„	9,893	„	„	„	4,760	„	„	„	..	„
58 A.	Myrtle	-	-	Do.	-	-	0·986	3	6,888	„	6,365	„	7,868	„	8,078	137	3,808	„	4,004	208	..	„

TABLE IX.—*continued.*

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water being 1·000.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
35 *a.*	Cugerie	Queensland	0·682	8	3,380	47	3,003	79	5,264	114	5,306	141	10,080	179	10,080	203	..	232
35 *b.*	Do.	Do.	„	„	3,360	„	„	„	5,348	„	„	„	..	„	„	„	..	„
36 A.	-	Do.	0·952	4	5,012	„	4,893	75	8,848	„	8,092	137	4,443	„	5,385	206	..	„
36 B.	-	Do.	„	„	4,480	„	„	„	7,336	„	„	„	6,323	„	„	„	..	„
36 *a.*	-	Do.	„	„	5,600	„	„	„	9,744	„	9,016	135	6,888	„	7,728	204	..	„
36 *b.*	-	Do.	„	„	4,480	„	„	„	8,288	„	„	„	8,568	„	„	„	..	„
37 A.	-	Do.	0·675	8	1,636	..	..	..	2,576	„	4,256	142	..	„	..	..	..	„
37 B.	-	Do.	„	„	728	..	..	..	5,936	„	„	„	..	„	..	..	..	„
38 A.	Grey Plum	Do.	0·846	6	2,520	47	2,520	79	3,892	„	4,158	142	10,024	180	7,140	204	..	„
38 B.	Do.	Do.	„	„	2,576	„	„	„	4,424	„	„	„	4,256	„	„	„	..	„
38 *a.*	Do.	Do.	„	„	3,576	„	„	„	4,760	„	4,900	138	3,248	„	3,066	209	..	„
38 *b.*	Do.	Do.	„	„	2,408	„	„	„	5,040	„	„	„	2,884	„	„	„	..	„
39 A.	Sassafras	Do.	0·755	7	3,052	„	3,115	79	4,704	„	„	142	10,080	„	10,080	202	..	„
39 B.	Do.	Do.	„	„	3,556	„	„	„	5,096	„	„	„	10,080	„	„	„	..	„
39 *a.*	Do.	Do.	„	„	3,108	„	„	„	4,284	„	4,214	„	8,848	„	9,464	203	..	„
39 *b.*	Do.	Do.	„	„	2,744	„	„	„	4,144	„	„	„	10,080	„	„	„	..	„
40 A.	-	Do.	0·990	3	3,696	„	4,354	76	6,972	„	7,210	138	9,520	„	9,632	„	..	„
40 B.	-	Do.	„	„	4,200	„	„	„	7,448	„	„	„	9,744	„	„	„	..	„
40 *a.*	-	Do.	„	„	4,480	„	„	„	9,296	„	8,400	136	6,244	„	5,810	205	..	„
40 *b.*	-	Do.	„	„	5,040	„	„	„	7,504	„	„	„	5,376	„	„	„	..	„
41 A.	-	Do.	0·872	5	3,164	49	3,140	78	5,600	„	5,824	141	6,720	„	8,400	203	..	„
41 B.	-	Do.	„	„	2,800	„	„	„	6,048	„	„	„	10,080	„	„	„	..	„
43 A.	Tamarind Tree	Do.	0·656	9	2,548	„	2,401	79	3,920	„	3,920	142	8,960	„	9,520	„	..	„
43 B.	Do.	Do.	„	„	1,456	„	„	„	3,920	„	„	„	10,080	„	„	„	..	„
43 *a.*	Do.	Do.	„	„	3,360	„	„	„	4,928	„	4,956	„	5,152	„	3,360	209	..	„
43 *b.*	Do.	Do.	„	„	2,240	„	„	„	4,984	„	„	„	1,668	„	„	„	..	„
44 A.	Tulip Wood	Do.	1·091	2	5,992	„	5,943	74	8,036	„	7,490	138	6,440	181	5,936	205	..	„
44 B.	Do.	Do.	„	„	5,516	„	„	„	6,944	„	„	„	5,432	„	„	„	..	„
44 *a.*	Do.	Do.	„	„	6,384	„	„	„	6,421	„	7,321	137	5,040	„	5,096	206	..	„
44 *b.*	Do.	Do.	„	„	5,880	„	„	„	9,221	„	„	„	5,152	„	„	„	..	„
45 A.	-	Do.	0·920	4	4,760	„	4,886	75	6,328	„	6,440	140	6,888	„	5,782	205	..	„
45 B.	-	Do.	„	„	4,760	„	„	„	6,552	115	„	„	4,676	„	„	„	..	„
45 *a.*	-	Do.	„	„	4,984	„	„	„	6,720	„	6,944	139	2,968	„	3,892	208	..	„
45 *b.*	-	Do.	„	„	5,040	„	„	„	7,168	„	„	„	4,816	„	„	„	..	„

46 A.	-	-	-	Do.	-	-	0·815	6	4,536	„	4,697	76	5,992	„	6,020	140	4,144	„	4,256	207	„	„
46 B.	-	-	-	Do.	-	-	„	„	4,284	„	„	„	6,048	„	„	„	4,368	„	„	„	„	„
46 A*a*.	-	-	-	Do.	-	-	„	„	5,376	„	„	„	6,468	„	6,468	139	5,152	„	5,152	206	„	„
46 A*b*.	-	-	-	Do.	-	-	„	„	4,592	„	„	„	„	„	„	„	„	„	„	„	„	„
47 A.	Lime	-	-	Do.	-	-	0·768	7	4,816	„	3,710	77	4,928	115	5,656	141	3,948	181	4,214	208	„	„
47 B.	Do.	-	-	Do.	-	-	„	„	3,808	„	„	„	6,384	„	„	„	4,480	„	„	„	„	„
47 A*a*.	Do.	-	-	Do.	-	-	„	„	3,136	„	„	„	5,544	„	5,922	140	6,104	„	6,398	205	„	„
47 A*b*.	Do.	-	-	Do.	-	-	„	„	3,080	„	„	„	6,300	„	„	„	6,692	„	„	„	„	„
48 A.	-	-	-	Do.	-	-	1·004	3	6,334	„	6,146	73	7,243	„	7,331	138	4,480	„	4,116	208	„	238
48 B.	-	-	-	Do.	-	-	„	„	5,600	„	„	„	7,420	„	„	„	3,752	„	„	„	„	„
48 A*a*.	-	-	-	Do.	-	-	„	„	7,252	„	„	„	8,316	„	8,918	135	4,172	„	4,046	„	„	„
48 A*b*.	-	-	-	Do.	-	-	„	„	5,348	„	„	„	9,520	„	„	„	3,920	„	„	„	„	„
49 A.	-	-	-	Do.	-	-	0·903	5	3,640	„	3,976	77	7,392	„	7,392	138	6,496	„	4,900	206	„	„
49 B.	-	-	-	Do.	-	-	„	„	3,584	„	„	„	7,392	„	„	„	3,304	„	„	„	„	„
49 A*a*.	-	-	-	Do.	-	-	„	„	4,480	„	„	„	7,756	„	7,518	„	4,368	„	3,434	209	„	„
49 A*b*.	-	-	-	Do.	-	-	„	„	4,200	„	„	„	7,280	„	„	„	2,501	„	„	„	„	„
50 A.	-	-	-	Do.	-	-	0·870	„	3,360	„	3,073	79	5,376	„	5,796	141	6,720	„	4,424	207	„	„
50 B.	-	-	-	Do.	-	-	„	„	2,716	„	„	„	6,216	„	„	„	2,128	„	„	„	„	„
50 A*a*.	-	-	-	Do.	-	-	„	„	3,584	„	„	„	5,600	„	5,628	„	1,848	„	2,044	210	„	„
50 A*b*.	-	-	-	Do.	-	-	„	„	2,632	„	„	„	5,656	„	„	„	2,240	„	„	„	„	„
51 A.	-	-	-	Do.	-	-	0·709	8	2,856	„	„	„	6,020	„	5,432	„	„	„	2,968	209	„	„
51 B.	-	-	-	Do.	-	-	„	„	2,800	„	„	„	4,844	„	„	„	3,696	„	„	„	„	„
52 A.	-	-	-	Do.	-	-	0·891	5	2,856	„	3,416	78	5,544	„	5,236	„	10,080	„	7,322	204	„	„
52 B.	-	-	-	Do.	-	-	„	„	2,968	„	„	„	4,928	„	„	„	4,564	„	„	„	„	„
52 A*a*.	-	-	-	Do.	-	-	„	„	3,920	„	„	„	5,880	„	6,104	140	8,699	182	7,840	203	„	„
52 A*b*.	-	-	-	Do.	-	-	„	„	3,920	„	„	„	6,328	„	„	„	6,981	„	„	„	„	„
53 A.	-	-	-	Do.	-	-	0·939	4	5,320	„	4,928	75	7,252	„	7,154	138	5,336	„	4,852	207	„	„
53 B.	-	-	-	Do.	-	-	„	„	4,928	„	„	„	7,056	„	„	„	4,368	„	„	„	„	„
53 A*a*.	-	-	-	Do.	-	-	„	„	4,732	„	„	„	6,496	„	6,188	140	3,276	„	„	„	„	„
53 A*b*.	-	-	-	Do.	-	-	„	„	4,732	„	„	„	5,880	„	„	„	2,968	„	„	„	„	„
54 A.	-	-	-	Do.	-	-	0·916	„	5,488	„	4,914	„	6,384	116	5,852	141	2,856	„	2,646	210	„	„
54 B.	-	-	-	Do.	-	-	„	„	5,048	„	„	„	5,320	„	„	„	2,436	„	„	„	„	„
54 A*a*.	-	-	-	Do.	-	-	„	„	5,600	„	„	„	6,860	„	7,126	138	5,320	„	7,700	204	„	„
54 A*b*.	-	-	-	Do.	-	-	„	„	3,528	„	„	„	7,392	„	„	„	10,080	„	„	„	„	„
55 A.	-	-	-	Do.	-	-	0·998	3	5,152	„	4,900	„	6,384	„	6,720	139	„	„	7,126	„	„	„
55 B.	-	-	-	Do.	-	-	„	„	5,628	„	„	„	7,056	„	„	„	4,172	„	„	„	„	„
55 A*a*.	-	-	-	Do.	-	-	„	„	4,956	51	„	„	6,020	„	5,950	140	2,576	„	6,328	205	„	„
55 A*b*.	-	-	-	Do.	-	-	„	„	3,864	„	„	„	5,880	„	„	„	10,080	„	„	„	„	„
56 A.	-	-	-	Do.	-	-	0·797	7	3,304	„	3,108	79	3,752	„	4,116	142	„	„	10,080	202	„	„
56 B.	-	-	-	Do.	-	-	„	„	3,080	„	„	„	4,480	„	„	„	„	„	„	„	„	„
56 A*a*.	-	-	-	Do.	-	-	„	„	3,248	„	„	„	5,600	„	4,928	„	„	„	10,080	„	„	„
56 A*b*.	-	-	-	Do.	-	-	„	„	2,800	„	„	„	4,256	„	„	„	„	„	„	„	„	„
57 A.	Ironwood	-	-	Do.	-	-	0·956	4	6,608	„	6,496	73	7,374	„	8,633	136	3,920	„	4,340	207	„	„
57 B.	Do.	-	-	Do.	-	-	„	„	6,384	„	„	„	9,893	„	„	„	4,760	„	„	„	„	„
58 A.	Myrtle	-	-	Do.	-	-	0·986	3	6,888	„	6,365	„	7,868	„	8,078	137	3,808	„	4,004	208	„	„

TABLE IX.—*continued.*

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water being 1·000.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
58 B.	Myrtle	Queensland	0·986	3	6,412	51	6,365	73	8,288	116	8,078	137	4,200	182	4,004	208	..	233
58 A*a*.	Do.	Do.	„	„	5,796	„	„	„	8,036	„	8,036	„	3,780	„	3,780	„	..	„
59 A.	-	Do.	0·795	7	4,620	„	3,766	77	6,459	„	6,197	140	7,748	„	5,554	206	..	„
59 B.	-	Do.	„	„	3,360	„	„	„	5,236	„	„	„	3,360	„	„	„	..	„
59 A*a*.	-	Do.	„	„	3,556	„	„	„	5,824	„	5,376	141	6,664	„	3,872	203	..	„
59 A*b*.	-	Do.	„	„	3,528	„	„	„	4,928	„	„	„	10,080	„	„	„	..	„
60 A.	-	Do.	0·898	5	4,676	„	4,620	76	6,524	„	6,356	140	3,276	„	3,274	209	..	„
60 B.	-	Do.	„	„	4,032	„	„	„	6,188	„	„	„	3,472	„	„	„	..	„
60 A*a*.	-	Do.	„	„	5,152	„	„	„	6,608	„	6,608	139	3,320	„	3,320	209	..	„
61 A.	-	Do.	1·127	1	7,616	„	6,566	73	8,568	„	8,568	136	3,304	„	3,304	„	..	„
61 B.	-	Do.	„	„	6,608	„	„	„	8,764	„	„	„	..	„	„	„	..	„
61 A*a*.	-	Do.	„	„	6,608	„	„	„	9,352	„	9,058	135	10,080	183	10,080	202	..	„
61 A*b*.	-	Do.	„	„	5,432	„	„	„	4,492	„	„	„	10,080	„	„	„	..	„
62 A.	Box	Do.	0·912	5	4,060	„	3,668	78	4,984	„	4,738	142	4,060	„	4,214	207	..	234
62 B.	Do.	Do.	„	„	4,144	„	„	„	3,360	„	„	„	4,368	„	„	„	..	„
62 A*a*.	Do.	Do.	„	„	3,136	„	„	„	5,768	„	4,564	„	10,080	„	7,252	204	..	„
62 A*b*.	Do.	Do.	„	„	3,332	„	„	„	5,768	„	„	„	4,424	„	„	„	..	„
63 A.	Black Iron Bark	Do.	1·129	1	8,344	„	7,345	72	9,072	„	9,646	135	2,352	„	2,352	210	..	„
63 B.	Do.	Do.	„	„	6,118	„	„	„	8,690	117	„	„	2,352	„	„	„	..	„
63 A*a*.	Do.	Do.	„	„	7,504	„	„	„	9,632	„	8,876	„	2,968	„	2,884	209	..	„
63 A*b*.	Do.	Do.	„	„	7,504	„	„	„	9,660	„	„	„	2,800	„	„	„	..	„
64 A.	Grey Iron Bark	Do.	1·093	2	7,616	„	7,476	„	9,464	„	9,576	„	2,380	„	2,534	210	..	„
64 B.	Do.	Do.	„	„	6,496	„	„	„	9,688	„	„	„	2,688	„	„	„	..	„
64 A*a*.	Do.	Do.	„	„	8,400	„	„	„	8,932	„	8,960	„	2,324	„	2,436	„	..	„
64 A*b*.	Do.	Do.	„	„	7,392	„	„	„	8,988	„	„	„	2,548	„	„	„	..	„
65 A.	Red Iron Bark	Do.	1·204	1	7,224	„	7,406	„	9,296	„	9,436	„	10,080	„	6,972	204	..	„
65 B.	Do.	Do.	„	„	7,280	„	„	„	9,576	„	„	„	3,864	„	„	„	..	„
65 A*a*.	Do.	Do.	„	„	7,728	„	„	„	9,184	„	9,184	„	3,108	„	3,346	209	..	„
65 A*b*.	Do.	Do.	„	„	7,392	„	„	„	9,184	„	„	„	3,584	„	„	„	..	„
66 A.	Stringy Bark	Do.	1·082	2	5,600	„	5,572	74	7,224	„	8,176	137	2,408	„	6,244	205	..	„
66 B.	Do.	Do.	„	„	5,600	„	„	„	8,428	„	„	„	10,080	„	„	„	..	„
66 A*a*.	Do.	Do.	„	„	5,488	„	„	„	8,344	„	8,330	136	2,184	„	2,324	210	..	„
66 A*b*.	Do.	Do.	„	„	5,600	„	„	„	8,316	„	„	„	2,464	„	„	„	..	„
67 A.	Spotted Gum	Do.	1·133	1	7,224	„	7,532	72	9,632	„	10,094	134	3,584	„	3,766	208	..	„

67 B.	Do.	Do.	"	"	7,672	"	"	"	10,556	"	"	"	3,948	"	"	"	"	"
67 Aa.	Do.	Do.	"	"	8,064	"	"	"	8,512	"	9,170	135	2,436	"	2,450	210	"	"
67 Ab.	Do.	Do.	"	"	7,168	"	"	"	9,828	"	"	"	2,464	"	"	"	"	"
68 A.	Turpentine Tree	Do.	1·048	2	5,376	"	5,964	74	9,240	"	8,806	136	2,352	"	2,114	"	"	"
68 B.	Do.	Do.	"	"	6,104	"	"	"	8,372	"	"	"	1,876	"	"	"	"	"
68 Aa.	Do.	Do.	"	"	6,104	"	"	"	8,344	"	8,820	"	2,716	"	2,590	"	"	"
68 Ab.	Do.	Do.	"	"	6,272	"	"	"	9,296	"	"	"	2,464	"	"	"	"	"
69 A.	Smooth - barked Gum.	Do.	0·915	5	4,844	"	4,556	76	5,936	"	6,188	140	2,408	"	2,660	"	"	"
69 B.	Do.	Do.	"	"	4,592	"	"	"	6,440	"	"	"	2,912	"	"	"	"	"
69 Aa.	Do.	Do.	"	"	3,808	"	"	"	6,524	"	5,894	141	3,136	184	6,608	205	"	"
69 Ab.	Do.	Do.	"	"	4,620	"	"	"	5,264	"	"	"	10,080	"	"	"	"	"
70 A.	Blood Wood	Do.	0·955	4	3,836	"	4,088	77	5,572	"	4,872	142	5,077	"	7,578	204	"	"
70 B.	Do.	Do.	"	"	3,500	"	"	"	4,172	"	"	"	10,080	"	"	"	"	"
70 Aa.	Do.	Do.	"	"	4,368	"	"	"	5,992	"	5,838	141	3,136	"	6,608	205	"	"
70 Ab.	Do.	Do.	"	"	4,228	"	"	"	5,684	"	"	"	10,080	"	"	"	"	"
71 A.	Swamp Mahogany	Do.	1·056	2	4,200	"	5,556	74	11,144	"	10,822	134	2,044	"	2,067	210	"	"
71 B.	Do.	Do.	"	"	6,720	"	"	"	10,500	"	"	"	2,091	"	"	"	"	"
71 Aa.	Do.	Do.	"	"	6,048	53	"	"	10,612	118	10,612	"	2,072	"	2,072	"	"	"
72 A.	Woolly Butt	Do.	1·101	"	7,112	"	7,182	72	9,800	"	10,164	"	2,660	"	2,758	209	"	235
72 B.	Do.	Do.	"	"	7,112	"	"	"	10,528	"	"	"	2,856	"	"	"	"	"
72 Aa.	Do.	Do.	"	"	6,720	"	"	"	9,408	"	9,716	135	1,904	"	2,436	210	"	"
72 Ab.	Do.	Do.	"	"	7,784	"	"	"	10,024	"	"	"	2,968	"	"	"	"	"
73 A.	Blue Gum	Do.	1·027	"	5,992	"	5,663	74	7,056	"	7,420	138	4,088	"	3,332	209	"	"
73 B.	Do.	Do.	"	"	5,544	"	"	"	7,784	"	"	"	2,576	"	"	"	"	"
73 Aa.	Do.	Do.	"	"	5,600	"	"	"	8,344	"	8,036	137	2,800	"	6,440	205	"	"
73 Ab.	Do.	Do.	"	"	5,516	"	"	"	7,728	"	"	"	10,080	"	"	"	"	"
76 A.	Prickly-leaved Tea Tree.	Do.	..	..	3,360	"	3,241	78	4,928	"	4,480	142	"	"	10,080	202	"	"
76 B.	Do.	Do.	..	..	3,528	"	"	"	4,032	"	"	"	"	"	"	"	"	"
76 Aa.	Do.	Do.	..	..	2,968	"	"	"	4,984	"	5,054	"	"	"	"	"	"	"
76 Ab.	Do.	Do.	..	..	3,108	"	"	"	5,124	"	"	"	..	"	"	"	"	"
77 A.	Broad-leaved Tea Tree.	Do.	0·939	4	3,360	"	3,472	78	5,488	"	5,390	141	5,516	"	7,798	204	"	"
77 B.	Do.	Do.	"	"	3,584	"	"	"	5,292	"	"	"	10,080	"	"	"	"	"
79 A.	Common Tea Tree	Do.	1·116	2	5,432	"	4,907	75	6,160	"	6,132	140	3,099	"	2,893	209	"	"
79 B.	Do.	Do.	"	"	4,844	"	"	"	6,104	"	"	"	2,688	"	"	"	"	"
79 Aa.	Do.	Do.	"	"	4,368	"	"	"	6,440	"	6,314	"	2,016	"	2,016	210	"	"
79 Ab.	Do.	Do.	"	"	4,984	"	"	"	6,188	"	"	"	10,080	"	"	"	"	"
80 A.	Bottle Brush Tree	Do.	1·022	3	4,956	"	5,222	75	5,880	"	5,684	141	3,388	"	6,734	204	"	"
80 B.	Do.	Do.	"	"	5,096	"	"	"	5,488	"	"	"	2,912	"	"	"	"	"
80 Aa.	Do.	Do.	"	"	5,432	"	"	"	6,160	"	6,104	140	3,920	"	3,416	209	"	"
80 Ab.	Do.	Do.	"	"	5,404	"	"	"	6,048	"	"	"	3,808	"	"	"	"	"
81 A.	- -	Do.	..	..	4,480	"	4,284	77	7,336	"	7,532	138	3,808	"	5,264	206	"	"
81 B.	- -	Do.	..	..	3,416	"	"	"	7,728	"	"	"	6,720	185	"	"	"	"

TABLE IX.—*continued.*

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water being 1·000.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
81 A*a*.	- - -	Queensland -	..	..	5,320	53	4,284	77	7,140	118	6,847	139	3,920	185	4,032	208	..	235
81 A*b*.	- - -	Do. - -	..	..	5,920	„	„	„	6,608	„	„	„	4,144	„	„	„	..	„
83 A.	- - -	Do. - -	0·699	8	2,352	„	3,115	79	5,040	„	5,208	141	1,680	„	2,352	210	..	„
83 B.	- - -	Do. - -	„	„	2,716	„	„	„	5,376	„	„	„	3,024	„	„	„	..	„
83 A*a*.	- - -	Do. - -	„	„	4,032	„	„	„	6,216	„	5,776	„	2,240	„	6,160	205	..	„
83 A*b*.	- - -	Do. - -	„	„	3,360	„	„	„	5,336	„	„	„	10,080	„	„	„	..	„
84 A.	Satin Wood -	Do. - -	0·785	7	4,424	„	4,690	76	6,328	„	6,804	139	5,824	„	4,970	206	4	„
84 B.	Do. - -	Do. - -	„	„	4,760	„	„	„	7,280	119	„	„	4,116	„	„	„	..	„
84 A*a*.	Do. - -	Do. - -	„	„	4,704	„	„	„	5,824	„	5,978	140	6,188	„	6,244	205	..	„
84 A*b*.	Do. - -	Do. - -	„	„	4,872	„	„	„	6,132	„	„	„	6,300	„	„	„	..	„
86 A.	- - -	Do. - -	..	..	..	„	..	..	4,984	„	4,984	142	2,044	„	2,044	210	..	„
86 B.	- - -	Do. - -	..	..	..	„	..	..	„	„	„	„	„	„	„	„	..	„
87 A.	Leichardt's Wood -	Do. - -	0·579	9	2,240	„	2,072	80	3,752	„	3,752	„	..	„	..	„	..	„
87 B.	Do. - -	Do. - -	„	„	1,904	„	„	„	„	„	„	„	635	„	..	„	..	„
88 A.	- - -	Do. - -	0·861	6	5,516	„	5,418	74	7,616	„	8,078	137	4,928	„	5,096	206	..	„
88 B.	- - -	Do. - -	„	„	5,152	„	„	„	8,540	„	„	„	5,264	„	„	„	..	„
88 A*a*.	- - -	Do. - -	„	„	5,096	„	„	„	8,064	„	8,036	„	5,320	„	4,536	207	..	„
88 A*b*.	- - -	Do. - -	„	„	5,902	„	„	„	8,008	„	„	„	3,752	„	„	„	..	„
89 A.	- - -	Do. - -	0·824	„	4,424	„	4,284	77	5,880	„	5,866	141	6,533	„	6,533	205	..	„
89 B.	- - -	Do. - -	„	„	4,144	„	„	„	5,852	„	„	„	„	„	„	„	..	„
90 A.	- - -	Do. - -	1·190	1	5,040	„	5,218	75	6,496	„	6,636	139	4,200	„	4,760	207	..	„
90 B.	- - -	Do. - -	„	„	5,376	„	„	„	6,776	„	„	„	5,320	„	„	„	..	„
91 A.	Crab Tree -	Do. - -	1·088	2	5,600	55	4,900	„	9,380	„	9,562	135	4,144	„	4,060	208	..	„
91 B.	Do. - -	Do. - -	„	„	4,200	„	„	„	9,744	„	„	„	3,976	„	„	„	..	„
92 A.	- - -	Do. - -	0·562	9	1,904	„	..	..	3,920	„	3,920	142	10,080	„	10,080	202	..	„
92 B.	- - -	Do. - -	„	„	2,576	„	..	..	„	„	„	„	„	„	„	„	..	„
92 A*a*.	- - -	Do. - -	„	„	2,184	„	..	..	„	„	„	„	„	„	„	„	..	„
92 A*b*.	- - -	Do. - -	„	„	2,165	„	..	..	„	„	„	„	„	185	„	„	..	„
92 B*a*.	- - -	Do. - -	„	„	1,456	„	..	..	3,220	„	3,220	143	„	„	„	„	..	„
92 B*b*.	- - -	Do. - -	„	„	1,792	„	..	..	„	„	„	„	„	„	„	„	..	„
93 A.	- - -	Do. - -	0·756	7	4,816	„	4,187	77	5,292	„	5,152	142	1,960	186	2,142	210	..	„
93 B.	- - -	Do. - -	„	„	3,528	„	„	„	5,012	„	„	„	2,324	„	„	„	..	„
93 A*a*.	- - -	Do. - -	„	„	4,536	„	„	„	5,992	„	6,188	140	3,360	„	3,122	209	..	„
93 A*b*.	- - -	Do. - -	„	„	3,668	„	„	„	6,384	„	„	„	3,024	„	„	„	..	„

94 A.	Silver Tree	-	Do.	-	0·905	5	4,340	"	4,382	76	7,868	"	7,868	137	2,464	"	2,464	210	..	"
94 B.	Do.	-	Do.	-	"	"	4,424	"	"	"	"	"	"	"	"	"	"	"	..	"
95 A.	-	-	Do.	-	..	..	..	"	..	..	..	..	..	..	..	..	..	..	..	"
95 B.	-	-	Do.	-	..	..	..	"	..	..	..	..	..	..	..	..	..	..	..	"
97 A.	-	-	Do.	-	1·077	2	6,552	"	6,706	73	8,064	119	7,952	137	4,480	186	4,144	208	..	"
97 B.	-	-	Do.	-	"	"	6,860	"	"	"	7,840	"	"	"	3,808				..	"
99 A.	Bean Tree	-	Do.	-	0·898	5	2,856	"	3,241	78	3,304	120	3,318	142	10,080	"	10,080	202	..	"
99 B.	Do.	-	Do.	-	"	"	2,240	"	"	"	3,332	"	"	"	"	"	"	"	..	236
99 A*a*.	Do.	-	Do.	-	"	"	3,836	"	"	"	5,544	"	5,292	141	2,352	"	2,352	210	..	"
99 A*b*.	Do.	-	Do.	-	"	"	4,032	"	"	"	5,040	"	"	"	"	"	"	"	..	"
100 A*a*.	-	-	Do.	-	0·883	"	2,576	"	2,352	79	..	"	5,880	"	"	"	"	"	..	"
100 A*b*.	-	-	Do.	-	"	"	2,128	"	"	"	5,880	"	"	"	"	"	"	"	..	"
102 A.	-	-	Do.	-	0·857	6	2,240	"	2,506	"	4,480	"	3,892	142	4,256	"	2,144	"	..	"
102 B.	-	-	Do.	-	"	"	"	"	"	"	3,304	"	"	"	4,032	"	"	"	..	"
102 A*a*.	-	-	Do.	-	"	"	2,856	"	"	"	3,584	"	3,444	143	2,604	"	6,342	205	..	"
102 A*b*.	-	-	Do.	-	"	"	2,688	"	"	"	3,304	"	"	"	10,080	"	"	"	..	"
104 A.	Found in the Brick-low Scrubs.		Do.	-	0·944	4	..	"	5,306	75	6,580	"	7,098	138	2,856	"	2,921	209	..	"
104 B.	Do.	-	Do.	-	"	"	5,432	"	"	"	7,616	"	"	"	2,986	"	"	"	..	"
104 A*a*.	Do.	-	Do.	-	"	"	"	"	"	"	6,356	"	"	"	10,080	"	7,028	204	..	"
104 A*b*.	Do.	-	Do.	-	"	"	5,600	"	"	"	7,784	"	"	"	3,976	"	"	"	..	"
105 A.	-	-	Do.	-	0·900	5	2,772	"	3,087	79	5,432	"	5,384	141	6,160	"	5,656	205	..	"
105 B.	-	-	Do.	-	"	"	3,360	"	"	"	5,336	"	"	"	5,152	"	"	"	..	"
105 A*a*.	-	-	Do.	-	..	..	3,248	"	"	"	5,152	"	5,404	"	5,992	"	4,984	206	..	"
105 A*b*.	-	-	Do.	-	..	..	2,968	"	"	"	5,656	"	"	"	3,976	"	"	"	..	"
106 A.	-	-	Do.	-	0·985	3	4,648	"	5,040	75	6,384	"	6,370	140	3,696	"	5,012	"	..	"
106 B.	-	-	Do.	-	"	"	4,872	"	"	"	6,356	"	"	"	6,328	187	"	"	..	"
106 A*a*.	-	-	Do.	-	"	"	4,480	"	"	"	7,616	"	7,448	138	3,808	"	3,206	209	..	"
106 A*b*.	-	-	Do.	-	"	"	4,648	"	"	"	7,280	"	"	"	2,604	"	"	"	.	"
106 B*a*.	-	-	Do.	-	"	"	5,152	"	"	"	8,288	"	7,742	137	4,480	"	4,488	207	..	"
106 B*b*.	-	-	Do.	-		"	5,488	"	"	"	7,196	"	"	"	4,396	"	"	"	..	"
106 C*b*.	-	-	Do.	-	"	"	5,600	"	"	"	7,952	"	7,840	"	4,200	"	4,452	"	..	"
106 C*a*.	-	-	Do.	-	"	"	5,432	"	"	"	7,728	"	"	"	4,704	"	"	"	..	"
108 A.	-	-	Do.	-	9·969	"	6,720	"	6,629	73	7,532	"	7,658	"	5,796	"	5,362	206	..	"
108 B.	-	-	Do.	-	"	"	6,860	"	"	"	7,784	"	"	"	4,928	"	"	"	..	"
108 A*a*.	-	-	Do.	-	"	"	6,328	"	"	"	7,344	"	7,434	138	5,787	"	5,413	"	..	"
108 A*b*.	-	-	Do.	-	"	"	6,608	"	"	"	7,224	"	"	"	5,040	"	"	"	..	"
109 A.	Olive Tree	-	Do.	-	1·012	"	7,280	"	7,182	72	8,036	"	8,834	136	4,741	"	4,741	207	..	"
109 B.	Do.	-	Do.	-	"	"	6,944	"	"	"	9,632	121	"	"	4,741	"	"	"	..	"
109 A*a*.	Do.	-	Do.	-	"	"	7,504	"	"	"	8,624	"	8,596	"	5,616	"	6,000	205	..	"
109 A*b*.	Do.	-	Do.	-	"	"	7,000	"	"	"	8,568	"	"	"	6,384	"	"	"	..	"
110 A.	-	-	Do.	-	0·932	4	4,424	57	3,654	78	..	"	8,848	135	..	"	3,864	208	..	"
110 B.	-	-	Do.	-	"	"	3,248	"	"	"	8,848	"	"	"	3,864	"	4,284	207	..	"
110 A*a*.	-	-	Do.	-	"	"	3,192	"	"	"	8,512	"	8,064	137	3,752	"	"	"	..	"
110 *b*.	-	-	Do.	-	"	"	3,752	"	"	"	7,616	"	"	"	3,752	"	"	"	..	"

TABLE IX.—*continued.*

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water being 1·000.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
111 A.	- - -	Queensland -	0·978	3	4,480	57	4,977	75	8,596	121	8,400	136	3,920	187	3,584	209	..	236
111 B.	- - -	Do. - -	„	„	5,404	„	„	„	8,204	„	„	„	3,248	„	„	„	..	„
111 A*a*.	- - -	Do. - -	„	„	4,648	„	„	„	7,952	„	7,840	137	2,688	„	„	„	..	„
111 A*b*.	- - -	Do. - -	„	„	5,376	„	„	„	7,728	„	„	„	3,248	„	„	„	..	„
112 A*a*.	- - -	Do. - -	0·783	7	2,352	„	3,220	78	5,488	„	5,320	141	2,744	„	2,128	210	..	„
112 A*b*.	- - -	Do. - -	„	„	4,088	„	„	„	5,152	„	„	„	1,512	„	„	„	..	„
113 A.	Mangrove - -	Do. - -	0·998	3	4,928	„	4,816	76	6,720	„	6,552	139	7,616	„	3,658	208	..	„
113 B.	Do. - -	Do. - -	„	„	4,256	„	„	„	6,384	„	„	„	3,360	„	„	„	..	„
113 A*a*.	Do. - -	Do. - -	„	„	5,040	„	„	„	7,056	„	7,042	138	„	„	„	„	..	„
113 A*b*.	Do. - -	Do. - -	„	„	„	„	„	„	7,028	„	„	„	5,824	„	5,824	205	..	„
114 A.	- - -	Do. - -	0·726	8	2,240	„	2,464	79	4,816	„	5,180	142	8,288	188	7,238	204	..	„
114 B.	- - -	Do. - -	„	„	2,688	„	„	„	5,544	„	„	„	6,188	„	„	„	..	„
115 A.	- - -	Do. - -	0·999	3	7,616	„	7,448	72	12,768	„	11,984	134	3,080	„	2,604	210	..	„
115 B.	- - -	Do. - -	„	„	7,280	„	„	„	11,200	„	„	„	2,128	„	„	„	..	„
116 A.	- - -	Do. - -	0·790	7	3,976	„	„	„	5,208	„	5,068	142	10,080	„	7,826	203	..	„
116 B.	- - -	Do. - -	„	„	3,724	„	„	„	4,928	„	„	„	5,572	„	„	„	..	„
117 A.	Rosewood - -	Do. - -	1·090	2	7,616	„	6,706	73	9,912	„	..	..	3,920	„	3,864	208	..	237
117 B.	Do. - -	Do. - -	„	„	7,333	„	„	„	11,368	„	..	..	3,808	„	„	„	..	„
117 A*a*.	Do. - -	Do. - -	„	„	6,160	„	„	„	8,932	„	9,338	135	4,368	„	4,564	207	..	„
117 A*b*.	Do. - -	Do. - -	„	„	5,712	„	„	„	9,744	„	„	„	4,760	„	„	„	..	„
118 A.	- - -	Do. - -	0·795	7	2,128	„	3,290	76	4,344	„	4,270	142	6,356	„	8,218	203	..	„
118 B.	- - -	Do. - -	„	„	1,848	„	„	„	4,200	„	„	„	10,080	„	„	„	..	„
118 A*a*.	- - -	Do. - -	„	„	4,704	„	„	„	6,608	„	6,496	139	1,512	„	1,502	211	..	„
118 A*b*.	- - -	Do. - -	„	„	4,480	„	„	„	6,384	„	„	„	1,493	„	„	„	..	„
120 A.	- - -	Do. - -	1·057	2	9,548	„	9,142	72	..	„	12,096	134	..	„	..	..	..	„
120 B.	- - -	Do. - -	„	„	8,736	„	„	„	12,096	„	„	„	5,488	„	5,488	206	..	„
121 A.	Weeping Myall -	Do. - -	1·228	1	7,616	„	8,813	„	13,048	122	13,426	„	4,480	„	5,572	„	..	„
121 B.	Do. - -	Do. - -	„	„	8,848	„	„	„	12,796	„	„	„	6,664	„	„	„	..	„
121 A*a*.	Do. - -	Do. - -	„	„	9,184	„	„	„	13,440	„	12,922	„	..	„	6,347	205	..	„
121 A*b*.	Do. - -	Do.	„	„	9,604	„	„	„	13,412	„	„	„	6,347	„	„	„	..	„
122 A.	Bricklow - -	Do. - -	1·144	„	9,240	„	8,078	„	9,893	„	10,378	„	4,144	„	4,004	208	..	„
122 B.	Do. - -	Do. - -	„	„	7,840	„	„	„	10,864	„	„	„	3,864	„	„	„	..	„
122 A*a*.	Do. - -	Do. - -	„	„	7,292	„	„	„	13,104	„	12,502	„	4,060	„	4,536	207	..	„
122 A*b*.	Do. - -	Do. - -	„	„	7,840	„	„	„	11,900	„	„	„	5,012	„	„	„	..	„

123 A.	- - - -	Do. - -	0·867	5	6,664	„	6,146	73	8,521	„	8,516	136	2,800	„	2,058	210	..	„
123 B.	- - - -	Do. - -	„	„	5,628	„	„	„	8,512	„	„	„	1,316	„	„	„	..	„
1 A.	Riga Fir - -	Russia - -	0·503	10	2,128	„	2,128	79	..	..	..	..	..	..	..	..	..	„
1 B.	Do. - -	Do. - -	„	„	2,240	„	„	„	..	..	..	..	..	..	..	..	..	„
1 C.	Do. - -	Do. - -	„	„	2,016	„	„	„	..	..	..	..	..	..	..	..	..	„
1 D.	Do. - -	Do. - -	„	„	2,128	„	„	„	..	..	..	..	..	..	..	..	..	„
2 A.	Larch - -	Do. - -	0·674	8	2,520	„	2,520	„	5,992	122	5,992	140	8,652	189	8,652	203	..	„
3 A.	Do. - -	Do. - -	0·823	6	2,912	„	2,912	„	6,244	„	6,244	„	5,488	„	5,488	206	..	„
4 A.	Do. - -	Do. - -	0·656	9	1,792	„	2,142	„	6,160	„	6,216	„	7,728	„	8,176	203	..	„
4 B.	Do. - -	Do. - -	„	„	2,492	„	„	„	6,272	„	„	„	8,624	„	„	„	..	„
5 A.	Do. - -	Do. - -	0·749	7	2,128	„	2,464	„	6,384	„	6,346	„	6,645	„	7,172	„	..	„
5 B.	Do. - -	Do. - -	„	„	2,800	„	„	„	6,309	„	„	„	7,700	„	„	„	..	„
6 A.	Riga Oak - -	Do. - -	0·650	9	3,388	„	2,870	„	4,900	„	4,862	142	10,080	„	4,280	207	..	„
6 B.	Do. - -	Do. - -	„	„	2,632	„	„	„	4,788	„	„	„	1,829	„	„	„	..	„
6 C.	Do. - -	Do. - -	„	„	2,576	„	„	„	5,280	„	„	„	..	„	„	„	..	„
6 D.	Do, - -	Do. - -	„	„	2,884	„	„	„	4,480	„	„	„	933	„	„	„	..	„
8 A.	Black Wood -	Tasmania -	0·798	7	5,348	59	5,065	75	8,792	123	10,173	134	6,235	„	6,164	205	..	„
8 B.	Do. - -	Do. - -	„	„	5,264	„	„	„	12,040	„	„	„	4,368	„	„	„	..	„
8 C.	Do. - -	Do. - -	„	„	4,872	„	„	„	9,893	„	„	„	10,080	„	„	„	..	„
8 D.	Do. - -	Do. - -	„	„	4,844	„	„	„	9,968	„	„	„	3,976	„	„	„	..	„
8 A*a*.	Do. - -	Do. - -	„	„	5,404	„	„	„	10,920	„	„	„	3,771	„	4,433	207	..	„
8 A*b*.	Do. - -	Do. - -	„	„	5,320	„	„	„	10,155	„	„	„	5,096	„	„	„	..	„
8 B*a*.	Do. - -	Do. - -	„	„	3,220	„	„	„	7,112	„	7,485	138	6,244	„	6,909	204	..	„
8 B*b*.	Do. - -	Do. - -	„	„	3,304	„	„	„	7,392	„	„	„	6,720	„	„	„	..	„
8 B*c*.	Do. - -	Do. - -	„	„	2,716	„	„	„	7,952	„	„	„	7,765	„	„	„	..	„
8 C*a*.	Do. - -	Do. - -	„	„	5,096	„	„	„	8,437	„	8,680	136	3,416	„	3,374	209	..	„
8 C*b*.	Do. - -	Do. - -	„	„	4,872	„	„	„	9,968	„	„	„	3,808	„	„	„	..	„
8 C*c*.	Do. - -	Do. - -	„	„	4,536	„	„	„	7,840	„	„	„	3,136	„	„	„	..	„
8 C*d*.	Do. - -	Do. - -	„	„	5,096	„	„	„	8,475	„	„	„	„	„	„	„	..	„
67 A.	Sassafras - -	Do. - -	0·629	9	2,800	„	3,113	79	..	..	..	..	..	..	..	..	..	„
67 B.	Do. - -	Do. - -	„	„	3,061	„	„	„	..	..	..	..	..	..	..	..	..	„
67 C.	Do. - -	Do. - -	„	„	2,427	„	„	„	..	..	..	..	..	..	..	..	..	„
75 A.	Waddy Wood -	Do. - -	..	..	3,780	..	..	..	7,728	123	7,068	138	8,344	190	6,651	205	..	238
75 B.	Do. - -	Do. - -	..	..	4,312	..	..	..	7,093	„	„	„	6,309	„	„	„	..	„
75 C.	Do. - -	Do. - -	..	..	3,136	..	..	..	6,384	„	„	„	5,301	„	„	„	..	„
75 A*a*.	Do. - -	Do. - -	..	..	5,376	..	..	..	8,587	„	8,338	136	4,984	„	4,256	207	..	„
75 A*b*.	Do. - -	Do. - -	..	..	„	..	..	..	8,960	„	„	„	4,312	„	„	„	..	„
75 A*c*.	Do. - -	Do. - -	..	..	5,124	..	..	..	7,467	„	„	„	3,472	„	„	„	..	„
76 A.	Black Wattle -	Do. - -	..	..	3,164	..	..	..	7,131	„	6,423	140	9,968	„	8,922	203	..	„
76 B.	Do. - -	Do. - -	..	..	3,976	..	..	..	6,384	„	„	„	10,080	„	„	„	..	„
76 C.	Do. - -	Do. - -	..	..	3,500	..	..	..	7,812	„	„	„	5,563	„	„	„	..	„
76 D.	Do. - -	Do. - -	..	..	2,660	..	..	..	4,368	„	„	„	10,080	„	„	„	..	„

TABLE IX.—*continued.*

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water being 1·000.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
85 A.	Peppermint	Tasmania	1·028	2	3,948	59	..	..	8,437	123	8,151	137	3,659	190	3,627	208	..	238
85 B.	Do.	Do.	,,	,,	4,032	,,	..	..	7,952	,,	,,	,,	3,136	,,	,,	,,	..	,,
85 C.	Do.	Do.	,,	,,	4,592	,,	..	..	8,064	,,	,,	,,	4,088	,,	,,	,,	..	,,
93 A.	Myrtle	Do.	0·849	6	2,632	,,	3,635	78	5,488	,,	6,279	149	5,544	,,	4,354	207	..	,,
93 B.	Do.	Do.	,,	,,	3,640	,,	,,	,,	6,608	,,	,,	,,	3,528	,,	,,	,,	..	,,
93 C.	Do.	Do.	,,	,,	3,584	,,	,,	,,	6,524	,,	,,	,,	5,600	,,	,,	,,	..	,,
93 D.	Do.	Do.	,,	,,	3,892	,,	,,	,,	6,496	,,	,,	,,	2,744	,,	,,	,,	..	,,
97 A.	White Gum	Do.	0·730	8	3,024	,,	3,090	79	5,544	,,	5,896	,,	,,	,,	6,125	205	..	,,
97 B.	Do.	Do.	,,	,,	3,528	,,	,,	,,	6,545	124	,,	,,	1,596	,,	,,	,,	..	,,
97 C.	Do.	Do.	,,	,,	2,464	,,	,,	,,	5,572	,,	,,	,,	10,080	191	,,	,,	..	,,
97 D.	Do.	Do.	,,	,,	3,136	,,	,,	,,	5,824	,,	,,	,,	,,	,,	,,	,,	..	,,
102 A.	Silver Wattle	Do.	0·571	9	2,688	,,	3,390	78	..	..	..	..	..	..	..	..	..	,,
102 B.	Do.	Do.	,,	,,	4,704	,,	,,	,,	..	..	..	..	..	..	..	..	..	,,
102 C.	Do.	Do.	,,	,,	2,436	,,	,,	,,	..	..	..	..	..	..	..	..	..	,,
102 D.	Do.	Do.	,,	,,	2,632	,,	,,	,,	..	..	..	..	..	..	..	..	..	,,
116 A.	Blue Gum	Do.	..	..	4,312	,,	..	..	6,608	124	7,147	138	10,080	191	6,874	204	..	,,
116 B.	Do.	Do.	..	..	3,528	,,	..	..	6,580	,,	,,	,,	,,	,,	,,	,,	..	,,
116 C.	Do.	Do.	..	..	4,144	,,	..	..	7,952	,,	,,	,,	4,088	,,	,,	,,	..	,,
116 D.	Do.	Do.	..	..	4,368	,,	..	..	7,448	,,	,,	,,	3,248	,,	,,	,,	..	,,
363 A.	Gum topped	Do.	0·929	4	4,480	,,	7,312	72	..	,,	,,	,,	..	,,	,,	,,	..	,,
363 B.	Do.	Do.	,,	,,	6,608	,,	,,	,,	..	,,	..	..	..	,,	..	..	..	,,
363 C.	Do.	Do.	,,	,,	5,936	,,	,,	,,	..	,,	..	..	..	,,	..	..	..	,,
363 D.	Do.	Do.	,,	,,	5,376	,,	,,	,,	..	,,	..	..	..	,,	..	..	..	,,
364 A.	Peppermint	Do.	0·913	5	3,024	,,	3,208	78	..	,,	..	..	..	,,	..	..	..	,,
364 B.	Do.	Do.	,,	,,	1,232	,,	,,	,,	..	,,	..	..	..	,,	..	..	..	,,
367 A.	Iron Wood	Do.	..	..	5,824	,,	..	..	8,363	,,	8,551	136	7,784	,,	5,278	206	..	,,
367 B.	Do.	Do.	..	..	6,048	,,	..	..	8,820	,,	,,	,,	4,424	,,	,,	,,	..	,,
367 C.	Do.	Do.	..	..	5,964	,,	..	..	8,736	,,	,,	,,	4,452	,,	,,	,,	..	,,
367 D.	Do.	Do.	..	..	6,104	,,	..	..	8,288	,,	,,	,,	,,	,,	,,	,,	..	,,
369 A.	Tea Tree	Do.	0·845	6	3,472	,,	4,039	77	7,756	,,	8,031	137	6,795	,,	6,340	205	..	,,
369 B.	Do.	Do.	,,	,,	4,088	,,	,,	,,	7,765	,,	,,	,,	..	,,	,,	,,	..	,,
369 C.	Do.	Do.	,,	,,	3,584	,,	,,	,,	8,512	,,	,,	,,	6,664	,,	,,	,,	..	,,
369 D	Do.	Do.	,,	,,	3,640	,,	,,	,,	8,092	,,	,,	,,	5,563	,,	,,	,,	..	,,

371 A.	Stringy Bark	Do.	..	..	6,020	„	..	..	10,640	„	10,612	134	1,792	„	4,421	207	..	„
371 B.	Do.	Do.	..	..	5,544	„	..	..	10,108	„	„	„	1,344	„	„	„	..	„
371 C.	Do.	Do.	..	..	6,160	„	..	..	11,172	„	„	„	1,269	„	„	„	..	„
371 D.	Do.	Do.	..	..	5,936	„	..	..	10,528	„	„	„	1,232	„	„	„	..	„
372 A.	Blue Gum	Do.	..	..	7,280	61	..	..	9,408	„	8,577	136	3,323	„	3,490	209	..	„
372 B.	Do.	Do.	..	..	6,608	„	..	..	7,728	„	„	„	3,696	„	„	„	..	„
372 C.	Do.	Do.	..	..	5,824	„	..	..	8,661	„	„	„	3,696	„	„	„	..	„
372 D.	Do.	Do.	..	..	6,160	„	..	..	8,512	„	„	„	3,248	„	„	„	..	„
373 A.	Stringy Bark	Do.	..	..	5,376	„	5,833	74	8,400	„	8,505	„	2,632	192	2,471	210	..	„
373 B.	Do.	Do.	..	..	5,068	„	„	„	8,764	„	„	„	3,276	„	„	„	..	„
373 C.	Do.	Do.	..	..	4,284	„	„	„	7,616	„	„	„	1,316	„	„	„	..	„
373 D.	Do.	Do.	..	..	5,824	„	„	„	9,240	„	„	„	2,660	„	„	„	..	„
373 Aa.	Do.	Do.	..	..	5,152	„	„	„	7,728	124	7,354	138	1,867	„	1,593	„	..	„
373 Ab.	Do.	Do.	..	..	4,620	„	„	„	7,784	„	„	„	2,128	„	„	„	..	„
373 Ac.	Do.	Do.	..	..	3,948	„	„	„	..	„	„	„	896	„	„	„	..	„
373 Ad.	Do.	Do.	..	..	4,368	„	„	„	6,552	125	„	„	1,484	„	„	„	..	„
373 Ca.	Do.	Do.	0·932	4	7,168	„	„	„	9,948	„	8,717	136	2,128	„	2,296	„	..	„
373 Cb.	Do.	Do.	„	„	4,732	„	„	„	7,840	„	„	„	..	„	„	„	..	„
373 Cc.	Do.	Do.	„	„	5,600	„	„	„	8,363	„	„	„	2,464	„	„	„	..	„
374 A.	Blue Gum	Do.	1·058	2	4,172	„	4,467	76	8,960	„	7,541	138	10,080	„	8,512	203	..	„
374 B.	Do.	Do.	„	„	3,976	„	„	„	..	„	„	„	..	„	„	„	..	„
374 C.	Do.	Do.	„	„	4,144	„	„	„	7,000	„	„	„	5,376	„	„	„	..	„
374 D.	Do.	Do.	„	„	3,808	„	„	„	6,664	„	„	„	10,080	„	„	„	..	„
556 A.	Do.	Do.	1·095	„	7,504	„	7,065	73	..	..	..	..	..	„	..	..	..	„
556 B.	Do.	Do.	„	„	7,280	„	„	„	..	..	..	..	..	„	..	..	..	„
556 C.	Do.	Do.	„	„	6,412	„	„	„	..	..	..	..	..	„	..	..	..	„
558 A.	Do	Do.	0·973	3	5,973	„	7,112	„	9,445	125	10,811	134	4,331	„	4,113	208	..	„
558 B.	Do.	Do.	„	„	6,440	„	„	„	10,780	„	„	„	4,480	„	„	„	..	„
558 C.	Do.	Do.	„	„	7,112	„	„	„	12,208	„	„	„	3,528	„	„	„	..	„
577 A.	Do.	Do.	..	..	3,285	„	..	..	7,541	„	8,248	136	2,492	„	4,431	207	..	„
577 B.	Do.	Do.	..	..	3,360	„	..	..	6,412	„	„	„	10,080	„	„	„	..	„
577 C.	Do.	Do.	..	..	3,696	„	..	..	8,960	„	„	„	2,576	„	„	„	..	„
577 D.	Do.	Do.	..	..	4,760	„	..	..	10,080	„	„	„	2,576	„	„	„	..	„
155 A.	Tapana	Trinidad	0·878	5	4,508	„	4,763	76	7,728	„	7,336	138	3,808	192	3,822	208	..	„
155 B.	Do.	Do.	„	„	3,976	„	„	„	6,944	„	„	„	3,836	„	„	„	..	„
155 C.	Do.	Do.	„	„	5,152	„	„	„	..	..	..	..	..	..	..	..	..	„
155 D.	Do.	Do.	„	„	4,760	„	„	„	..	..	..	..	..	..	..	..	..	„
158 A.	Garlick Pear	Do.	0·548	9	2,744	„	2,620	79	..	..	..	..	..	..	..	..	..	„
158 B.	Do.	Do.	„	„	2,613	„	„	„	..	..	..	..	..	..	..	..	..	„
158 C.	Do.	Do.	„	„	2,427	„	„	„	..	..	..	..	..	..	..	..	..	„
158 D.	Do.	Do.	„	„	2,436	„	„	„	..	..	..	..	..	..	..	..	..	„
162 A.	Mahoe	Do.	0·546	„	2,240	„	..	..	..	..	..	..	..	..	..	..	..	„
162 B.	Do.	Do.	„	„	1,344	„	..	..	..	..	..	..	..	..	..	..	..	„
163 A.	-	Do.	0·847	6	3,976	„	3,976	77	..	..	..	..	..	..	..	..	..	„

TABLE IX.—*continued.*

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water being 1·000.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
166 A.	Soap Nut Tree	Trinidad	0·825	6	3,584	61	3,920	77	6,048	126	6,374	140	1,512	193	3,854	208	..	238
166 B.	Do.	Do.	„	„	4,480	„	„	„	6,580	„	„	„	6,888	„	„	„	..	„
166 C.	Do.	Do.	„	„	3,360	„	„	„	6,496	„	„	„	3,164	„	„	„	..	„
167 A.	Cacapoule	Do.	0·675	8	2,996	„	3,098	79	..	..	..	..	..	..	..	..	..	„
167 B.	Do.	Do.	„	„	3,024	„	„	„	..	..	..	..	..	..	..	..	..	„
167 C.	Do.	Do.	„	„	3,276	„	„	„	..	..	..	..	..	..	..	..	..	„
168 A.	Surette	Do.	0·844	6	4,984	„	4,445	76	7,196	126	6,762	139	1,792	193	2,090	210	..	„
168 B.	Do.	Do.	„	„	4,256	„	„	„	6,496	„	„	„	2,016	„	„	„	..	„
168 C.	Do.	Do.	„	„	3,080	„	„	„	6,664	„	„	„	2,016	„	„	„	..	„
168 D.	Do.	Do.	„	„	4,480	„	„	„	6,692	„	„	„	2,539	„	„	„	..	„
169 A.	Paraman	Do.	0·868	5	3,892	„	3,561	78	7,084	„	6,741	„	2,725	„	2,709	„	..	„
169 B.	Do.	Do.	„	„	3,416	„	„	„	6,636	„	„	„	1,643	„	„	„	..	„
169 C.	Do.	Do.	„	„	4,228	„	„	„	6,104	„	„	„	1,680	„	„	„	..	„
169 D.	Do.	Do.	„	„	2,464	„	„	„	7,140	„	„	„	4,788	„	„	„	..	„
171 A.	Galba	Do.	0·729	8	3,472	„	4,240	77	6,608	„	7,095	138	3,360	„	2,072	„	..	„
171 B.	Do.	Do.	„	„	5,264	„	„	„	7,112	„	„	„	1,680	„	„	„	..	„
171 C.	Do.	Do.	„	„	4,116	„	„	„	7,532	„	„	„	1,792	„	„	„	..	„
171 D.	Do.	Do.	„	„	3,360	63	„	„	7,131	„	„	„	1,456	„	„	„	..	„
180 B.	Crabtree	Do.	0·728	„	5,124	„	5,189	75	..	..	..	..	..	..	..	..	..	„
180 C.	Do.	Do.	„	„	5,040	„	„	„	..	..	..	..	..	..	..	..	..	„
180 D.	Do.	Do.	„	„	5,404	„	„	„	..	..	..	..	..	..	..	..	..	„
185 A.	Noyer	Do.	0·895	5	5,068	„	6,307	73	10,668	126	9,881	135	3,733	193	3,833	208	..	„
185 B.	Do.	Do.	„	„	7,000	„	„	„	9,184	„	„	„	3,640	„	„	„	..	„
185 C.	Do.	Do.	„	„	6,832	„	„	„	9,109	„	„	„	4,293	„	„	„	..	„
185 D.	Do.	Do.	„	„	6,328	„	„	„	10,565	„	„	„	3,668	„	„	„	..	„
186 A.	Mango	Do.	0·693	8	2,408	„	2,212	80	4,779	„	4,293	142	10,080	„	9,380	203	..	„
186 B.	Do.	Do.	„	„	2,016	„	„	„	3,808	„	„	„	8,680	„	„	„	..	„
187 A.	Gommier	Do.	0·720	„	3,696	„	3,633	78	5,336	„	5,555	141	1,456	„	„	„	..	„
187 B.	Do.	Do.	„	„	4,032	„	„	„	5,292	„	„	„	4,256	194	4,004	208	..	„
187 C.	Do.	Do.	„	„	3,360	„	„	„	6,048	„	„	„	5,152	„	„	„	..	„
187 D.	Do.	Do.	„	„	2,828	„	„	„	5,544	127	„	„	5,152	„	„	„	..	„
196 A.	Beef Wood	Do.	0·964	4	5,264	„	5,292	75	7,952	„	8,400	136	2,464	„	1,988	210	..	„
196 B.	Do.	Do.	„	„	5,320	„	„	„	8,848	„	„	„	1,512	„	„	„	..	„

198 A.	Laurel	Do.	0·552	9	3,248	„	3,520	78	6,076	„	5,798	141	4,228	„	8,598	203	..	„
198 B.	Do.	Do.	„	„	3,808	„	„	„	5,563	„	„	„	10,080	„	„	„	..	239
198 C.	Do.	Do.	„	„	3,696	„	„	„	6,011	„	„	„	10,080	„	„	„	..	„
198 D.	Do.	Do.	„	„	3,024	„	„	„	5,544	„	„	„	10,005	„	„	„	..	„
200 A.	Laurier Canelle	Do.	0·832	6	5,572	„	5,796	74	8,876	„	9,527	135	3,920	„	2,891	209	..	„
200 B.	Do.	Do.	„	„	6,272	„	„	„	9,940	„	„	„	1,932	„	„	„	..	„
200 C.	Do.	Do.	„	„	5,488	„	„	„	9,744	„	„	„	3,612	„	„	„	..	„
200 D.	Do.	Do.	„	„	5,852	„	„	„	9,548	„	„	„	2,100	..	..	..	..	„
201 A.	Laurier Blanc	Do.	0·673	8	2,688	„	4,074	77	..	„	..	..	..	..	..	..	..	„
201 B.	Do.	Do.	„	„	3,024	„	„	„	..	„	..	..	..	..	..	..	..	„
201 C.	Do.	Do.	„	„	4,452	„	„	„	6,020	„	6,160	140	4,396	196	6,090	205	..	„
201 D.	Do.	Do.	„	„	4,340	„	„	„	6,300	„	5,894	„	7,784	„	„	„	..	„
201 Aa.	Do.	Do.	„	„	4,144	„	„	„	..	„	„	„	6,608	194	5,390	206	..	„
201 Ab.	Do.	Do.	„	„	4,088	„	„	„	..	„	„	„	4,172	„	„	„	..	„
201 Ac.	Do.	Do.	„	„	4,928	„	„	„	..	„	„	„	..	„	„	„	..	„
201 Ad.	Do.	Do.	„	„	4,060	„	„	„	..	„	„	..	..	..	..	..	..	„
205 A.	Canturo	Do.	0·800	6	3,612	„	4,211	„	..	„	..	..	..	..	..	..	..	„
205 B.	Do.	Do.	„	„	3,659	„	„	„	..	„	..	..	..	..	..	..	..	„
205 C.	Do.	Do.	„	„	4,480	„	„	„	..	„	..	..	..	..	..	..	..	„
205 D.	Do.	Do.	„	„	4,629	„	„	„	..	„	..	..	..	..	..	..	..	„
206 A.	Bois de Fer	Do.	0·748	7	3,920	„	4,107	„	5,656	„	6,265	140	1,232	194	2,548	210	..	„
206 B.	Do.	Do.	„	„	4,928	„	„	„	7,168	„	„	„	1,680	„	„	„	..	„
206 C.	Do.	Do.	„	„	2,996	„	„	„	7,980	„	„	„	2,184	„	„	„	..	„
206 D.	Do.	Do.	„	„	3,948	„	„	„	4,256	„	„	„	..	„	„	„	..	„
207 A.	Cauto	Do.	0·783	„	5,040	„	4,005	„	6,869	„	6,913	139	1,307	„	1,715	211	..	„
207 B.	Do.	Do.	„	„	4,592	„	„	„	7,317	„	„	„	1,848	„	„	„	..	„
207 C.	Do.	Do.	„	„	3,556	„	„	„	7,448	„	„	„	2,100	„	„	„	..	„
207 D.	Do.	Do.	„	„	3,192	„	„	„	6,020	„	„	„	1,605	„	„	„	..	„
208 A.	Do.	Do.	0·799	„	3,892	„	4,622	76	..	..	..	„	..	..	..	..	..	„
208 B.	Do.	Do.	„	„	4,452	„	„	„	..	..	..	„	..	..	..	..	..	„
208 C.	Do.	Do.	„	„	3,472	„	„	„	..	..	..	„	..	..	..	..	..	„
208 D.	Do.	Do.	„	„	5,264	„	„	„	..	..	..	„	..	..	..	..	..	„
212 A.	Balsam Capivi	Do.	0·827	6	4,144	„	3,864	77	5,320	128	5,628	141	7,672	195	7,009	204	..	„
212 B.	Do.	Do.	„	„	3,584	„	„	„	5,936	„	„	„	6,347	„	„	„	..	„
214 A.	Savonette Jaune	Do.	1·013	3	6,496	„	6,713	73	9,856	„	10,262	134	8,624	„	7,980	203	..	„
214 B.	Do.	Do.	„	„	6,048	„	„	„	9,856	„	„	„	6,944	„	„	„	..	„
214 C.	Do.	Do.	„	„	7,168	„	„	„	9,968	„	„	„	6,272	„	„	„	..	„
214 D.	Do.	Do.	„	„	7,140	„	„	„	11,368	„	„	„	10,080	„	„	„	..	„
216 A.	Purpleheart	Do.	1·133	1	..	„	„	„	12,796	„	12,796	134	5,451	„	5,451	206	..	„
217 A.	Locust	Do.	0·912	5	7,280	„	7,168	72	11,872	„	11,834	„	3,024	„	3,098	209	..	„
217 B.	Do.	Do.	„	„	7,056	„	„	„	11,797	„	„	„	3,173	„	„	„	..	„
218 A.	Naraujillo Amarillo	Do.	0·938	4	6,524	65	5,824	74	9,520	„	8,556	136	5,012	„	„	„	..	„
218 B.	Do.	Do.	„	„	5,600	„	„	„	8,708	„	„	„	3,173	„	4,137	208	..	„
218 C.	-	Do.	„	„	5,264	„	„	„	7,672	„	„	„	..	„	„	„	..	„
218 D.	-	Do.	„	„	5,908	„	„	„	8,325	„	„	„	4,228	„	„	„	..	„

TABLE IX.—*continued.*

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water being 1·000.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
219 A.	Tamarind	Trinidad	0·973	3	4,060	65	4,284	77	7,280	128	6,804	139	4,480	195	5,917	205	..	239
219 B.	Do.	Do.	„	„	4,340	„	„	„	6,272	„	„	„	6,608	„	„	„	„	„
219 C.	Do.	Do.	„	„	4,452	„	„	„	7,168	„	„	„	6,664	„	„	„	„	„
219 D.	Do.	Do.	„	„	4,284	„	„	„	6,496	„	„	„	„	„	„	„	„	„
220 A.	Casse	Do.	1·017	„	4,648	„	5,362	74	6,384	„	7,970	137	7,056	„	5,152	206	..	„
220 B.	Do.	Do.	„	„	6,076	„	„	„	9,557	„	„	„	3,248	„	„	„	„	„
221 A.	Guatamare	Do.	1·079	2	10,080	„	9,576	72	13,636	„	13,370	134	6,468	„	5,884	205	..	„
221 B.	Do.	Do.	„	„	9,072	„	„	„	13,104	„	„	„	5,301	„	„	„	„	„
222 A.	Bois Mulatre	Do.	0·951	4	5,012	„	4,896	75	7,429	„	7,116	138	2,688	„	2,247	210	„	„
222 B.	Do.	Do.	„	„	4,592	„	„	„	7,448	„	„	„	2,660	„	„	„	„	„
222 C.	Do.	Do.	„	„	4,424	„	„	„	6,272	„	„	„	2,184	„	„	„	„	„
222 D.	Do.	Do.	„	„	5,096	„	„	„	7,317	„	„	„	1,456	„	„	„	„	„
226 A.	Angelin	Do.	0·898	5	5,936	„	6,148	73	8,811	„	8,325	136	3,920	„	3,584	209	..	240
226 B.	Do.	Do.	„	„	5,264	„	„	„	7,840	„	„	„	3,248	„	„	„	„	„
226 C.	Do.	Do.	„	„	6,972	„	„	„	..	„	„	„	..	„	„	„	„	„
226 D.	Do.	Do.	„	„	6,421	„	„	„	..	„	„	„	..	„	„	„	„	„
227 A.	Do.	Do.	..	..	3,136	„	3,080	79	4,704	129	4,554	142	10,080	„	10,080	203	„	„
227 B.	Do.	Do.	..	..	3,024	„	„	„	4,405	„	„	„	..	„	„	„	„	„
237 A.	Sapodilla Sapotillier	Do.	1·138	1	7,028	„	6,104	73	10,752	„	10,052	135	5,600	196	5,506	206	„	„
237 B.	Do.	Do.	„	„	5,180	„	„	„	9,352	„	„	„	5,413	„	„	„	„	„
243 A.	Acoma or Mastic	Do.	1·190	„	6,664	„	6,650	„	8,885	„	8,754	136	4,069	„	3,686	208	„	„
243 B.	Do.	Do.	„	„	6,636	„	„	„	8,624	„	„	„	3,304	„	„	„	„	„
248 A.	Cypre	Do.	0·534	9	3,584	„	3,235	78	6,132	„	5,761	141	3,024	„	8,316	203	„	„
248 B.	Do.	Do.	„	„	4,032	„	„	„	6,440	„	„	„	10,080	„	„	„	„	„
248 C.	Do.	Do.	„	„	3,332	„	„	„	5,544	„	„	„	„	„	„	„	„	„
248 D.	Do.	Do.	„	„	3,192	„	„	„	4,928	„	„	„	„	„	„	„	„	„
257 A.	Poui	Do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	„
257 B.	Do.	Do.	1·120	2	9,912	65	10,388	72	16,604	129	16,128	134	5,544	196	5,002	206	..	„
257 C.	Do.	Do.	„	„	10,108	„	„	„	15,652	„	„	„	5,460	„	„	„	„	„
257 D.	Do.	Do.	„	„	„	„	„	„	„	„	„	„	3,696	„	„	„	„	„
260 A.	Almond Tree	Do.	0·727	8	3,360	„	2,968	79	..	„	..	..	..	..	..	..	..	„
260 B.	Do.	Do.	„	„	2,576	„	..	..	..	..	..	..	..	..	..	..	..	„
262 A.	Olivier	Do.	1·025	3	5,264	„	5,404	74	6,776	129	7,959	137	2,912	196	3,910	208	..	„
262 B.	Do.	Do.	„	„	5,152	„	„	„	7,728	„	„	„	4,032	„	„	„	„	„

262 C.	Do.	Do.	"	"	5,600	"	"	"	8,596	"	"	"	4,256	"	"	"	..	"
262 D.	Do.	Do.	"	"	"	"	"	"	8,736	"	"	"	4,443	"	"	"	..	"
265 A.	Red Mangrove	Do.	1·182	1	6,076	"	6,342	73	9,520	"	9,632	135	3,976	"	3,976	"	..	"
265 B.	Do.	Do.	"	"	6,608	"	"	"	9,744	"	"	"	"	"	"	"	..	"
270 A.	Wild Guava	Do.	0·876	5	5,264	"	4,979	75	8,365	"	8,307	136	3,980	"	3,444	209	..	"
270 B.	Do.	Do.	"	"	4,648	"	"	"	8,251	"	"	"	3,808	"	"	"	..	"
270 A*a*.	Do.	Do.	"	"	5,563	"	"	"	"	"	"	"	"	"	"	"	..	"
270 A*b*.	Do.	Do.	"	"	4,704	"	"	"	"	"	"	"	"	"	"	"	..	"
270 A*c*.	Do.	Do.	"	"	4,732	"	"	"	"	"	"	"	"	"	"	"	..	"
270 A*d*.	Do.	Do.	"	"	4,965	"	"	"	"	"	"	"	"	"	"	"	..	"
276 A.	Guatecare	Do.	0·969	4	5,544	"	6,692	73	9,632	"	9,744	135	3,173	"	3,378	"	..	"
276 B.	Do.	Do.	"	"	7,840	"	"	"	9,856	"	"	"	3,584	"	"	"	..	"
280 A.	Genipa	Do.	0·971	3	5,992	"	5,551	74	7,131	"	6,983	139	"	"	3,819	208	..	"
280 B.	Do.	Do.	"	"	5,516	"	"	"	7,243	"	"	"	3,547	"	"	"	..	"
280 C.	Do.	Do.	"	"	5,432	"	"	"	6,645	"	"	"	4,452	"	"	"	..	"
280 D.	Do.	Do.	"	"	5,264	"	"	"	6,916	"	"	"	3,696	"	"	"	..	"
1 A.	Peppermint Tree	Victoria	1·127	1	5,376	67	5,110	75	9,940	130	9,622	135	2,660	197	8,513	203	..	"
1 B.	Do.	Do.	"	"	"	"	"	"	9,408	"	"	"	10,080	"	"	"	..	"
1 C.	Do.	Do.	"	"	4,368	"	"	"	"	"	"	"	"	"	"	"	..	"
1 D.	Do.	Do.	"	"	5,320	"	"	"	9,520	"	"	"	2,800	"	"	"	..	"
2 A.	Grey Box Tree	Do.	0·988	3	"	"	4,949	"	6,608	"	7,208	138	3,024	"	6,160	205	..	"
2 B.	Do.	Do.	"	"	5,712	"	"	"	7,056	"	"	"	10,080	"	"	"	..	"
2 C.	Do.	Do.	0·929	4	5,096	"	"	"	7,721	"	"	"	6,524	"	"	"	..	"
2 D.	Do.	Do.	"	"	5,488	"	"	"	7,448	"	"	"	5,012	"	"	"	..	"
2 A*a*.	Do.	Do.	1·047	2	4,536	"	"	"	"	"	7,163	"	3,360	"	3,378	209	..	"
2 A*b*.	Do.	Do.	"	"	4,200	"	"	"	6,533	"	"	"	2,501	"	"	"	..	"
2 A*c*.	Do.	Do.	"	"	4,368	"	"	"	7,317	"	"	"	3,845	"	"	"	..	"
2 A*d*.	Do.	Do.	"	"	4,872	"	"	"	7,355	"	"	"	3,808	"	"	"	..	"
3 A.	Coast Tree	Do.	1·004	3	5,012	"	4,578	"	7,728	"	7,055	"	4,732	"	4,914	206	..	"
3 B.	Do.	Do.	"	"	4,144	"	"	"	6,382	"	"	"	5,096	"	"	"	..	"
4 A.	-	Do.	..	..	..	"	..	..	12,628	"	12,628	134	4,144	"	4,144	208	..	"
5 A*a*.	Mint Tree	Do.	..	..	..	"	..	..	5,525	"	6,405	140	5,320	"	4,032	"	..	"
5 A*b*.	Do.	Do.	..	..	..	"	..	..	6,496	"	"	"	2,744	"	"	"	..	"
5 A*c*.	Do.	Do.	..	..	..	"	..	..	7,196	"	"	"	"	"	"	"	..	"
6 A.	-	Do.	0·947	4	5,180	"	4,900	"	5,180	"	6,421	"	10,080	"	7,532	204	..	241
6 B.	-	Do.	"	"	4,144	"	"	"	7,476	"	"	"	2,436	"	"	"	..	"
6 C.	-	Do.	"	"	5,376	"	"	"	6,608	"	"	"	10,080	198	"	"	..	"
7 A.	-	Do.	0·994	3	4,620	"	4,088	77	6,011	"	5,653	141	4,368	"	4,243	207	..	"
7 B.	-	Do.	"	"	4,032	"	"	"	5,460	"	"	"	3,920	"	"	"	..	"
7 C.	-	Do.	"	"	3,612	"	"	"	5,488	"	"	"	4,443	"	"	"	..	"
8 A.	-	Do.	1·099	2	5,628	"	5,748	74	7,616	"	7,324	138	6,552	"	5,103	206	..	"
8 B.	-	Do.	"	"	5,264	"	"	"	7,196	"	"	"	6,608	"	"	"	..	"
8 C.	-	Do.	"	"	6,496	"	"	"	7,205	"	"	"	3,192	"	"	"	..	"
8 D.	-	Do.	"	"	5,264	"	"	"	7,280	"	"	"	4,060	"	"	"	..	"

TABLE IX.—*continued.*

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water being 1·000.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
9 A.	- - -	Victoria - -	0·877	5	5,572	67	4,535	76	6,664	130	6,664	139	4,032	198	7,056	204	..	241
9 B.	- - -	Do. - -	„	„	5,488	„	„	„	„	„	„	„	10,080	„	„	„	..	„
9 C.	- - -	Do. - -	„	„	2,744	„	„	„	..	„	„	„	..	„	„	„	..	„
10 A.	Woolly Butt -	Do. - -	1·105	2	4,928	„	4,608	„	6,468	„	7,035	138	4,032	„	3,829	208	..	„
10 B.	Do. - -	Do. - -	„	„	5,180	„	„	„	7,504	„	„	„	3,920	„	„	„	..	„
10 C.	Do. - -	Do. - -	„	„	4,816	„	„	„	6,664	„	„	„	3,556	„	„	„	..	„
10 D.	Do. - -	Do. - -	„	„	4,676	„	„	„	7,504	„	„	„	3,808	„	„	„	..	„
10 A*a*.	Do. - -	Do. - -	1·070	„	5,600	„	„	„	7,168	131	7,546	„	3,668	„	3,637	„	..	„
10 A*b*.	Do. - -	Do. - -	„	„	3,416	„	„	„	8,064	„	„	„	3,696	„	„	„	..	„
10 A*c*.	Do. - -	Do. - -	„	„	3,640	„	„	„	7,448	„	„	„	3,547	„	„	„	..	„
11 A.	Broad-leaved Box tree.	Do. - -	0·826	6	4,144	„	3,038	79	..	„	6,057	140	4,452	„	4,277	207	..	„
11 B.	Do. - -	Do. - -	„	„	3,080	„	„	„	6,160	„	„	„	1,960	„	„	„	..	„
11 C.	Do. - -	Do. - -	„	„	2,072	„	„	„	5,768	„	„	„	6,720	„	„	„	..	„
11 D.	Do. - -	Do. - -	„	„	2,856	„	„	„	6,244	„	„	„	3,976	„	„	„	..	„
12 A.	Honeysuckle -	Do. - -	0·633	9	1,120	„	718	80	..	„	„	„	..	„	„	„	..	„
12 B.	Do. - -	Do. - -	„	„	340	„	„	„	..	„	„	„	..	„	„	„	..	„
12 C.	Do. - -	Do. - -	„	„	672	„	„	„	..	„	„	„	10,080	„	10,080	203	..	„
12 D.	Do. - -	Do. - -	„	„	„	„	„	„	..	„	„	„	..	„	„	„	..	„
13 A*a*.	Coast Tea Tree -	Do. - -	..	..	..	..	„	„	2,968	„	2,958	143	10,080	„	„	„	..	„
13 A*b*.	Do. - -	Do. - -	..	..	..	..	„	„	2,949	„	„	„	„	„	„	„	..	„
14 A.	Gully Tree Fern -	Do. - -	0·741	7	5,684	67	..	..	7,653	„	6,904	139	7,756	„	9,499	„	..	„
14 B.	Do. - -	Do. - -	„	„	5,012	„	..	..	7,056	„	„	„	10,080	199	„	„	..	„
14 C.	Do. - -	Do. - -	„	„	5,516	„	..	..	6,412	„	„	„	„	„	„	„	..	„
14 D.	Do. - -	Do. - -	„	„	3,920	„	..	..	6,496	„	„	„	„	„	„	„	..	„
14 A*a*.	Do. - -	Do. - -	„	„	3,528	„	..	..	5,460	„	6,598	„	8,064	„	8,936	„	..	„
14 A*b*.	Do. - -	Do. - -	„	„	2,912	„	..	..	5,096	„	„	„	7,803	„	„	„	..	„
14 A*c*.	Do. - -	Do. - -	„	„	2,744	„	..	..	4,928	„	„	„	9,800	„	„	„	..	„
14 A*d*.	Do. - -	Do. - -	„	„	2,940	„	..	..	4,312	„	„	„	10,080	„	„	„	..	„
15 A.	Musk Tree - -	Do. - -	1·132	1	3,528	„	3,453	78	4,032	„	4,032	142	2,156	„	4,620	207	..	„
15 B.	Do. - -	Do. - -	„	„	3,696	69	„	„	4,256	„	„	„	10,080	„	„	„	..	„
15 C.	Do. - -	Do. - -	„	„	3,136	„	„	„	3,808	„	„	„	1,624	„	„	„	..	„
16 A.	Desert Cypress Pine	Do. - -	0·677	8	„	„	3,276	„	5,152	„	5,338	141	10,080	„	8,250	203	..	„
16 B.	Do. - -	Do. - -	„	„	3,304	„	„	„	..	„	„	„	..	„	„	„	..	„

16 C.	Do.	Do.	"	"	3,136	"	"	"	..	"	"	"	..	"	"	"	..	"
16 D.	Do.	Do.	"	"	3,528	"	"	"	5,525	"	"	"	6,421	"	"	"	..	"
22 A.	Iron Bark Tree	Do.	1·113	2	6,384	"	6,279	73	7,784	"	8,491	136	2,660	"	3,012	209	..	"
22 B.	Do.	Do.	"	"	6,104	"	"	"	8,624	"	"	"	3,080	"	"	"	..	"
22 C.	Do.	Do.	"	"	6,496	"	"	"	8,848	"	"	"	3,173	"	"	"	..	"
22 D.	Do.	Do.	"	"	6,132	"	"	"	8,708	"	"	"	3,136	"	"	"	..	"
28 A.	-	Do.	1·116	1	6,720	"	6,255	74	7,784	132	8,421	"	4,368	"	4,137	208	..	"
28 B.	-	Do.	"	"	5,964	"	"	"	8,039	"	"	"	"	"	"	"	..	"
28 C.	-	Do.	"	"	7,168	"	"	"	8,540	"	"	"	3,668	"	"	"	..	"
28 D.	-	Do.	"	"	6,720	"	"	"	8,661	"	"	"	4,144	"	"	"	..	"
28 A.	-	Do.	"	"	5,516	"	..	..	..	"	"	"	..	"	"	"	..	"
28 B.	-	Do.	"	"	5,824	"	..	..	..	"	"	"	..	"	"	"	..	"
28 C.	-	Do.	"	"	4,480	"	..	..	..	"	"	"	..	"	"	"	..	"
29 A.	-	Do.	1·095	2	5,712	"	4,899	75	8,120	"	7,581	137	3,444	"	4,006	"	..	242
29 B.	-	Do.	"	"	5,544	"	"	"	8,092	"	"	"	4,443	"	"	"	..	"
29 C.	-	Do.	"	"	3,528	"	"	"	7,448	"	"	"	"	"	"	"	..	"
29 D.	-	Do.	"	"	4,816	"	"	"	6,664	"	"	"	3,696	"	"	"	..	"
29 A*a*.	-	Do.	"	"	4,256	"	"	"	7,728	"	8,113	"	..	"	3,672	"	..	"
29 A*b*.	-	Do.	"	"	5,404	"	"	"	8,400	"	"	"	..	"	"	"	..	"
29 A*c*.	-	Do.	"	"	5,320	"	"	"	8,204	"	"	"	..	"	"	"	..	"
29 A*d*.	-	Do.	"	"	3,864	"	"	"	8,120	"	"	"	..	"	"	"	..	"
29 A.	-	Do.	"	"	5,264	"	"	"	..	"	"	"	..	"	"	"	..	"
29 B.	-	Do.	"	"	5,096	"	"	"	..	"	"	"	..	"	"	"	..	"
31 A.	-	Do.	0·680	8	3,136	"	2,360	79	5,413	"	5,257	141	5,488	"	7,784	204	..	"
31 B.	-	Do.	"	"	2,800	"	"	"	4,928	"	"	"	10,080	"	"	"	..	"
31 C.	-	Do.	"	"	1,144	"	"	"	5,432	"	"	"	..	"	"	"	..	"
33 A.	Grey Box Tree	Do.	1·079	2	2,688	"	3,135	78	5,936	"	6,302	140	10,080	201	9,436	203	..	"
33 B.	Do.	Do.	"	"	3,836	"	"	"	6,496	"	"	"	"	"	"	"	..	"
33 C.	Do.	Do.	"	"	2,919	"	"	"	6,132	"	"	"	"	"	"	"	..	"
33 D.	Do.	Do.	"	"	2,912	"	"	"	6,645	"	"	"	7,504	"	"	"	..	"
34 A.	-	Do.	1·112	"	5,292	"	4,886	75	7,243	"	7,795	137	4,760	199	4,004	208	..	"
34 B.	-	Do.	"	"	4,116	"	"	"	7,728	"	"	"	3,696	"	"	"	..	"
34 C.	-	Do.	"	"	5,208	"	"	"	7,560	"	"	"	3,808	200	"	"	..	"
34 D.	-	Do.	"	"	4,928	"	"	"	8,052	"	"	"	3,752	"	"	"	..	"
35 A.	Stringy Bark	Do.	0·861	5	3,360	"	3,430	78	5,852	"	5,733	141	1,568	"	3,934	"	..	"
35 B.	Do.	Do.	"	"	2,912	"	"	"	5,544	"	"	"	10,080	"	"	"	..	"
35 C.	Do.	Do.	"	"	3,248	"	"	"	6,048	"	"	"	3,136	"	"	"	..	"
35 D.	Do.	Do.	"	"	3,864	"	"	"	5,488	"	"	"	952	"	"	"	..	"
36 A.	White Gum Tree	Do.	0·929	4	2,604	"	2,639	79	4,480	"	4,519	142	10,080	"	10,080	203	..	"
36 B.	Do.	Do.	"	"	2,576	"	"	"	5,301	"	"	"	"	"	"	"	..	"
36 C.	Do.	Do.	"	"	2,800	"	"	"	4,069	"	"	"	"	"	"	"	..	"
36 D.	Do.	Do.	"	"	2,492	"	"	"	4,228	"	"	"	"	"	"	"	..	"
38 A.	Native Cherry Tree	Do.	0·937	"	4,060	"	4,792	76	6,160	"	6,449	140	2,576	"	2,905	209	..	"
38 B.	Do.	Do.	"	"	4,760	"	"	"	6,496	"	"	"	2,192	"	"	"	..	"
38 C.	Do.	Do.	"	"	5,460	"	"	"	6,645	"	"	"	3,360	"	"	"	..	"

TABLE IX.—*continued.*

No. of Specimen.	Name.	Colony.	Table I. Specific Gravity.		Table II. Actual Breaking Weight.		Table III. Mean Breaking Weight.		Table IV. Actual Direct Crushing Weight.		Table V. Mean Direct Crushing Weight.		Table VI. Actual Transverse Crushing Weight.		Table VII. Mean Transverse Crushing Weight.		Table VIII. Elasticity.	
			Distilled Water being 1·000.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.	lbs.	Page.
38 D.	Native Cherry Tree	Victoria - -	0·937	4	4,620	69	4,792	76	6,496	132	6,449	140	3,192	200	2,905	209	..	242
39 A.	Spurious Mulberry Tree - -	Do. - -	0·592	9	2,184	,,	2,160	80	..	..	..	..	..	..	..	..	..	,,
39 B.	Do. - -	Do. - -	,,	,,	2,240	,,	,,	,,	..	..	..	..	..	..	..	..	..	,,
39 C.	Do. - -	Do. - -	,,	,,	2,464	71	,,	,,	..	..	..	..	..	..	..	..	..	,,
39 D.	Do. - -	Do. - -	,,	,,	2,408	,,	,,	,,	..	..	..	..	..	..	..	..	..	,,
39 A*a*.	Do.	Do. - -	,,	,,	1,232	,,	,,	,,	2,576	133	2,576	143	10,080	200	10,080	203	..	,,
39 A*b*.	Do. - -	Do. - -	,,	,,	2,100	,,	,,	,,	..	..	..	..	..	..	..	..	..	,,
39 A*c*.	Do. - -	Do. - -	,,	,,	2,324	,,	,,	,,	..	..	..	..	..	..	..	..	..	,,
39 A*d*.	Do. - -	Do. - -	,,	,,	,,	,,	,,	,,	..	..	..	..	..	..	..	..	..	,,
40 A.	Coast Honeysuckle	Do. - -	0·640	,,	2 688	,,	2,486	79	3,528	133	3,574	143	10,080	200	10,080	203	..	,,
40 B.	Do. - -	Do. - -	,,	,,	2,464	,,	,,	,,	3,192	,,	,,	,,	,,	,,	,,	,,	..	,,
40 C.	Do. - -	Do. - -	,,	,,	,,	,,	,,	,,	4,004	,,	,,	,,	,,	,,	,,	,,	..	,,
40 D.	Do. - -	Do. - -	,,	,,	2,184	,,	,,	,,	..	..	..	..	..	..	..	..	..	,,
42 A.	- - -	Do. - -	0·916	4	5,780	,,	4,868	75	6,608	133	6,575	139	5,488	200	5,751	205	..	,,
42 B.	- - -	Do. - -	,,	,,	4,424	,,	,,	,,	7,112	,,	,,	,,	5,600	,,	,,	,,	..	,,
42 C.	- - -	Do. - -	,,	,,	5,488	,,	,,	,,	6,944	,,	,,	,,	5,339	,,	,,	,,	..	,,
42 D.	- - -	Do. - -	,,	,,	3,696	,,	,,	,,	5,637	,,	,,	,,	6,580	,,	,,	,,	..	,,
42 A*a*.	- - -	Do. - -	,,	,,	5,180	,,	,,	,,	7,691	,,	6,983	,,	5,600	,,	5,558	206	..	,,
42 A*b*.	- - -	Do. - -	,,	,,	5,040	,,	,,	,,	6,244	,,	,,	,,	7,784	,,	,,	,,	..	,,
42 A*c*.	- - -	Do. - -	,,	,,	4,732	,,	,,	,,	7,392	,,	,,	,,	4,704	201	,,	,,	..	,,
42 A*d*.	- - -	Do. - -	,,	,,	4,396	,,	,,	,,	6,608	,,	7,478	138	4,144	,,	,,	,,	..	,,
43 A.	- - -	Do. - -	0·882	5	4,424	,,	4,581	76	7,392	,,	,,	,,	7,616	,,	6,990	204	..	,,
43 B.	- - -	Do. - -	,,	,,	4,368	,,	,,	,,	7,541	,,	,,	,,	4,032	,,	,,	,,	..	,,
43 C.	- - -	Do. - -	,,	,,	4,144	,,	,,	,,	7,420	,,	,,	,,	9,819	,,	,,	,,	..	,,
43 D.	- - -	Do. - -	,,	,,	5,096	,,	,,	,,	7,560	,,	,,	,,	6,496	,,	,,	,,	..	,,
44 A.	Honeysuckle -	Do. - -	0·657	9	756	,,	870	80	..	..	,,	,,	10,080	,,	10,080	203	..	,,
44 B.	Do. - -	Do. - -	,,	,,	540	,,	,,	,,	..	..	..	..	..	..	..	..	..	,,
44 C.	Do. - -	Do. - -	,,	,,	840	,,	,,	,,	..	..	..	..	..	..	..	..	..	,,
44 D.	Do. - -	Do. - -	,,	,,	1,240	,,	,,	,,	..	..	..	..	..	..	..	..	..	,,
45 A.	Wattle - -	Do. - -	0·818	6	3,612	,,	3,884	77	5,152	133	5,817	141	10,080	201	5,096	206	..	,,
45 B.	Do. - -	Do. - -	,,	,,	3,696	,,	,,	,,	6,356	,,	,,	,,	5,152	,,	,,	,,	..	,,
45 C.	Do. - -	Do. - -	,,	,,	4,228	,,	,,	,,	6,496	,,	,,	,,	,,	,,	,,	,,	..	,,
45 D.	Do. - -	Do. - -	,,	,,	4,760	,,	,,	,,	5,264	,,	,,	,,	,,	,,	,,	,,	..	,,
46 D.	- - -	Do. - -	1·019	3	,,	,,	4,760	,,	,,	,,	,,	,,	3,285	,,	3,285	209	..	,,

APPENDIX.

Extract from Part I. of the Reports on the Paris Exhibition of 1855.

esults of a Series of Experiments on the Strength and Resistance of various Colonial Woods, conducted at Paris by Capt. F. Fowke, R.E.

The various collections of specimens of their woods, contributed by different countries to the Paris Exhibition, naturally come under the general head of Forestry, and, as such, belong to the Second Class of the system of classification adopted by the Imperial Commission, and have, doubtless, been dealt with generally by the jury of that class; but when considered in reference to their particular qualification for special purposes, some of these descriptions of timber also enter into the classes which treat of those branches of Art or manufacture, and it is in this way, that in their character of woods of construction, they are found enumerated in the first section of Classes XIII. and XIV., in which classes they are not, however, considered in reference either to their culture, botany, or general properties, but particularly as regards those qualities by which they are rendered suitable for the purposes of the arts treated of in those classes, viz., naval and military art and civil construction; and their value in this respect being mainly affected by such material qualities as their strength, toughness, weight, and elasticity, the present seems not an improper place for introducing the results of a series of experiments on these points made during the Exhibition upon some of the specimens of woods then for the first time brought in competition with each other, and with the ordinary woods already employed by the shipbuilder and carpenter.

Of woods adapted for shipbuilding and construction generally, the principal collections in the Exhibition were contributed by India, Canada, Australia, British Guiana, Jamaica, Van Diemen's Land, &c. Specimens of woods for various purposes were exhibited by many foreign States, viz., France, Algeria, Austria, the Dutch Colonies, &c., but those from the British Colonies above mentioned come more directly under the head of Woods of Construction, and in the contributions sent to the Exhibition by these countries, the prominent place is given in each case to their valuable collection of specimens of native woods. Of these, many, as in the case of the Canadian and some of the Indian timbers, are well known and commonly used in this country, but on examining the Colonial catalogues long lists are found filled with the names and descriptions of various kinds of woods used and valued in the colonies to which they belong, but in most cases unknown in England, and of the merits of which, as compared with the known timbers of commerce, the colonists themselves are totally ignorant.

The present appearing a favourable opportunity for instituting a comparison between some of those woods and those better known in Europe, it was resolved to submit such of the specimens as could be obtained to a series of experiments, with a view to testing, as fully as possible, their qualities of strength, weight, toughness, elasticity, &c. Unfortunately,

the specimens sent were generally of such small dimensions as to be totally useless for any practical test of strength, and many of them were exhibited as specimens of some individual peculiarity of growth, or accident, rather than as average representations of the class of timber to which they belong. In the case of three colonies, viz., Australia, British Guiana, and Jamaica, there was, however, sufficient data for obtaining some knowledge as to the comparative value, &c. of a number of different descriptions of timber, some being largely used in the localities in which they are produced, and considered by the colonists to be superior, in many cases, to the woods commonly employed for similar purposes in England.

A very accurate and delicate hydraulic machine for testing the strength of materials having been placed at my disposal by Mr. Dunn, of Manchester, I commenced a series of experiments on such specimens as could be obtained from the Colonial Commissioners, which were carried on in the part of the Exhibition building devoted to machinery, during the months of July, August, and September, and of which the history and results are here given.

The testing machine consisted of a hydraulic press with the piston-rod furnished with a cross-head, working horizontally in cast-iron guides, and having a connecting rod attached to it reaching to the end of the guides; a small valve in the cylinder, furnished with a steelyard and moveable weight, gave the means of ascertaining to a great nicety the exact amount of pressure applied.

As it was desirable, for obtaining the best comparative results, that the woods should all be tested as nearly as possible under similar circumstances, a standard dimension was sought which should be the greatest common to all the specimens, and it was found that a scantling of two inches square, with a length of from 14 to 16 inches, was the greatest that could be obtained to fulfil this condition; a few examples would not quite come up to this scantling, and one or two would not quite give the required length, but on the whole it was thought better to reduce the results obtained from these by calculation, than to cut down the size of all the pieces operated on for the sake of the few. The Australian specimens were generally from 4 feet 6 inches to 5 feet in length, and about two inches square, and these were first experimented on at these dimensions, and afterwards reduced to the fixed standard.

The mode of proceeding was as follows—the specimens were first reduced to the standard dimension, squared and planed perfectly true, labelled with a number, and entered in a catalogue.

Each piece was then carefully weighed and its specific gravity calculated.

The first experiment made was to ascertain the breaking weight, the specimen being supported at the ends, and the strain being applied at right angles to its length, midway between the points of support.

The bearing chosen as the standard was 1 foot, that being the greatest that was common to all the specimens, and two flat iron bars were accordingly fixed to the extremities of the guides of the machine at that distance apart, to serve as the points of support, a piece of iron, having an opening in it of 3 inches square, was shackled on to the end of the connecting rod of the machine through which the piece of wood was passed; the two ends were then brought to bear equally on the points of support, and the square ring above mentioned adjusted to the centre; a piece of strong leather was interposed between the ring and the wood to prevent any abrasion of the fibre, which was likely otherwise to take place under heavy strains; the weight of the connecting rod and ring was then carefully counterpoised so as to avoid any disturbance of the strain from its true horizontal direction, and a slip of paper was fastened

by beeswax to the upper part of the specimen at its centre, on which to note the deflection.

The weight on the steelyard having been placed at zero, the pump was slowly worked until the steelyard showed the first symptoms of motion; a straight edge was then applied to the two fulcra or points of support, and a line ruled across a slip of paper attached to the specimen and marked 0. Experience showed that in general no very perceptible deflection took place until the strain had reached 500 kilogrammes (1,102 lbs. English), and to follow out the principle of treating all the woods alike, the plan adopted therefore was to mark the deflection at each successive 500 kilogrammes of strain until it reached 3,000 (6,612 lbs.). As it was found that the increase of deflection became more rapid as the point of fracture was approached, the deflection was noted at intervals of 250 kilogrammes (551 lbs.), instead of 500 kilogrammes, when the strain exceeded 3,000 kilogrammes.

The exact point of fracture was easily discernible, as the steelyard of the machine, which had been gradually rising under the pressure, instantly fell, and could not be raised by any subsequent action of the pumps.

This experiment was repeated with as many examples of each kind of wood as could be obtained, and the mean noted, throwing out such experiments as were evidently unsatisfactory from being performed on a faulty specimen, or from any other cause.

In order to ascertain the power of the woods to bear a crushing strain, a number of small pieces, each measuring exactly an inch cube, were cut from the specimens and squared and planed true, a square bar of steel was introduced into the ring of the machine, having its ends bearing on the supports above mentioned, and the cubic inch specimens were each submitted to a crushing strain between the ring and the steel bar; this strain was applied both in the direction of the grain and also in a transverse direction, forming two distinct series of experiments.

In applying the strain in a longitudinal direction, the specimen having been placed in position, a slip of paper was fastened to the top of the ring, and the steelyard having been brought to zero, and noted as before, the amount which each specimen yielded to the crushing strain was marked on the paper at each 500 kilogrammes (1,102 lbs.), in the same manner as has been already explained in the case of the deflection, until it finally gave way, the point of failure being well marked, as in the former experiment.

When the specimens were submitted to a transverse crushing strain the failure, instead of being marked and sudden, as in the former cases, took place by degrees, the fibre gradually yielding from the first moment of the strain being applied, but no actual fracture taking place; the method of proceeding was therefore changed, and all the specimens having been submitted to the same strain, the amount of compression which each experienced was carefully marked and measured as before.

As before mentioned, the specimens of wood from Australia were experimented upon separately, as in the first experiment, but with a bearing of four feet instead of one.

In recording the results of these experiments a separate table is first devoted to each description of wood, in which is given a detailed account of the various tests to which it has been submitted, remarking on any peculiarity either in the specimen or in its mode of fracture or conduct under pressure, and adding such particulars as could be had concerning each. The order followed is the same throughout, viz., first, the name of the colony in which the wood is produced, then the various denominations under which it is known, whether botanical, aboriginal, or colonial; a short description follows, containing such information as could be *obtained concerning* the description of tree producing the timber, its

abundance or scarcity in the colony, its proximity to the coast or to navigable rivers, the purposes to which the timber is applied in the colony, and the estimation in which it is held there for strength, durability under various circumstances, or any other valuable quality that it may possess; where its cost in the colony, per foot cube, could be ascertained, it is given, and the diameter and height of the tree is added, as affording an index of the size of timber possible to be obtained. Then follows the history of the experiments in the order described above.

At the end a resumé of the whole is given in a series of four tables, in which the woods are placed in the order of their value in that particular experiment to which the table refers.

Table No. 1. Specific gravity.
„ No. 2. Transverse breaking weight.
„ No. 3. Crushing strain in the direction of the fibre.
„ No. 4. Transverse crushing strain.

In Table No. 2 the value of *s* is also given for each wood.

As for most purposes a timber acquires additional value from combining the properties of strength and lightness, a fifth table is added, in which the woods experimented upon are ranged in the order in which they stand as to the ratio of their strength to their specific gravity.

The steelyard of the testing machine having been graduated for French weights, the results of the experiments were noted in kilogrammes, and afterwards reduced into English pounds avoirdupois and decimal parts, and the deflections were marked in inches and decimals of an inch. This will account for the apparently irregular intervals at which the amounts of deflection and yielding were noticed.

FRANCIS FOWKE,
Captain Royal Engineers.

Note.—In conducting and registering these experiments I was assisted by Corporal James Mack, of the Royal Sappers and Miners, who displayed the greatest zeal, intelligence, and ability throughout.

In the catalogue of Australian products contributed to the Paris Exhibition the following appears as an introduction to the list of woods indigenous to New South Wales. It is from the pen of W. McArthur, Esq., Chief Commissioner from that colony to the Exhibition, and the collector and exhibitor of the specimens of wood from which those experimented upon were taken; and, as the information which it affords gives additional value to any experiments on the woods of that colony, it is here given intact.

CATALOGUE of SPECIMENS of WOODS indigenous to the SOUTHERN DISTRICTS, collected by Mr. W. MCARTHUR, and exhibited by the Commissioners; with remarks descriptive of the nature of the Trees, and the qualities of their Wood, so far as these could be ascertained.

A short description of the general features of the kind of woodland from which have been collected the majority of the specimens of woods herein-after described in detail, with a few observations upon the general character of the latter, would seem to be a desirable introduction to the catalogue. They will be useful in rendering the subject more intelligible to all who have not had the opportunity of informing themselves by personal observation. For greater convenience the different descriptions of natural woodlands will be included under three classes; and the letter denoting its class will be inserted opposite to each specimen of wood.

Class A.—Forest more or less open; generally composed of trees with little or no underwood; their trunks more or less naked and lofty, height being a more conspicuous feature than diameter; their heads small in proportion to the trunks, divided into few secondary or tertiary ramifications, and thinly clothed with persistent, dry, dull-coloured, thick, leathery leaves, abounding in essential oils, and in their decomposition adding little to the vegetable matter in the soil. The different species of *Eucalyptus* and *Angophora*, with *Melaleuca*, *Callistemon*, *Syncarpia*, and *Lophostemon*, compose the larger trees which furnish all the common durable hard wood timber used in Sydney and the adjoining districts. Occasionally these dry forests pass into tracts crowded with trees, generally of a single species (still with little or no underwood), their trunks being drawn up to a great height, and of small diameter. The trees of *this class* are usually produced to a greater size, and with better quality of timber, on *lands rather poor* than good; the more fertile lands commonly producing trees of *comparatively small* dimensions, thinly scattered over their surface. The rich alluvial lands

on the margins of rivers are exceptions to this rule. They are almost always heavily timbered, and towards the coast their character passes from A. to C.

There are some characteristics applicable to the whole of the large trees of this class. When at full maturity they are rarely sound at heart, and, even when they are so, the immediate heart-wood is of no value on account of its extreme brittleness. In sawing up logs into scantlings or boards, the heart is always rejected. The direction in which the larger species split most freely is never from the bark to the heart (technically speaking, the "bursting way"), but in eccentric circles round the latter. Some few of the smaller species of forest trees are exceptions to this rule; such as the different species of *Casurina Banksia*, and other species belonging to the natural order *Proteaceæ*: the latter, however, with little exception, belonging to Class B. They split most freely the "bursting way," as do the oaks, &c., of Europe and America. A very serious defect prevails amongst a portion of the trees of this class, to such extent as to demand especial notice here. It is termed "Gum vein," and consists simply in the extravasation, in greater or less quantity, of the gum resin of the tree in particular spots, amongst the fibres of woody tissue, and probably where some injury has been sustained; or, which is a much greater evil, in concentric circles between successive layers of the wood. The former is often merely a blemish, affecting the appearance rather than the utility of the timber; but the latter, when occurring frequently in the same section of the trunk, renders it comparatively worthless, excepting for fuel. In the latter case, as the wood dries, the layers with gum veins interposing separate from each other; and it is consequently impracticable to take from trees so affected a sound piece of timber, excepting of very small dimensions. The whole of the species of *Angophora*, or Apple-tree, and many of the *Eucalypti*, or Gums, are subject to be thus affected; and it is the more to be regretted, because it appears to be the only reason why many of the trees so blemished should not be classed amongst the most useful of the hard woods of the colony. Another characteristic among these hard woods is deserving of notice. Although the majority of them make excellent fuel, and are valuable on account of the comparative quantity of steam they are capable of generating, the greater part are slow to kindle, and a few of them will hardly burn at all. To this circumstance, probably, is to be attributed the small number of houses burnt in a climate and amongst a population likely to afford an unusual proportion of such accidents. Few of the species of *Eucalypti* are rich in potash, but several of the genus *Angophora* contain it abundantly.

It would be difficult to form even an approximate estimate of the number of species of Class A. producing good timber throughout the settled districts of New South Wales. It is believed that very few of them have a wide range; the same local names being applied many times over to different species in different districts.

Class B.—Barren scrub, covered either wholly with low shrubby vegetation without trees, or with short-stemmed stunted trees, rarely or never producing serviceable timber. The same dry character of vegetation prevails over this description of country as over the last. The "bush-fires" which sweep over these barren scrubs once, at least, in every four or five years, effectually prevent the species which do not grow with naked trunks from obtaining the dimensions they might otherwise be susceptible of acquiring. At each burning the majority are killed to the ground to be reproduced from the collar. Good specimens of their wood for illustration are, therefore, scarcely attainable. It may be observed that the majority of the beautiful flowering shrubs of the colony have their habitats in this sort of country, which is always more or less rocky, stony, or sandy.

Class C.—Rich Brush or "Cedar Brush." Tracts of country rarely of great continuous breadth, but often alternating at short intervals with Class A., and prevalent only at moderate distances from the sea, or, at all events, to the eastward of the great dividing range.

This description of woodland often occupies country covered with rocks and stones, but of such geological character that a rich soil results from their decomposition. It usually follows the course of streams; and in country favourable, geologically speaking, to the formation of good land the cedar brushes fill up the valleys and the gorges of ravines with their dense vegetation. They are to be found in the greatest perfection at Illawarra, a few miles from the open seacoast, upon natural terraces skirting the mountain side at various elevations, up to 1,500 feet, and upon rich alluvial plains, particularly in the districts to the northward of Sydney, where they are described to be of great continuous extent. They produce few shrubs, but a variety of trees of considerable altitude, frequently of comparatively slender growth, almost universally clothed with beautiful, dense, bright green foliage, their umbrageous character being much increased by the numerous lofty ligneous climbers ("bush ropes") which attain their topmost branches, and frequently throw themselves from tree to tree. At Illawarra and in some other districts four species of arborescent ferns and two noble species of palms add materially to the tropical aspect of this description of country. A few of the trees of Class A. are to be observed thinly scattered through the cedar brushes. In such case they often attain the most magnificent dimensions, but their general character remains unaltered.

During the heats of summer the atmosphere of the cedar brushes is always much less dry, and the temperature more equable, than it is upon adjoining lands not clothed with rich vegetation. Bush fires rarely or never extend into their recesses, which are difficult to penetrate, even on foot, owing to the numerous irregularities of surface which prevail, and to the tangled nature of the vegetation. These difficulties apart, nothing can be imagined more charming to the beholder, especially where glades or natural openings occur, to enable him to comprehend the full grandeur of the still life around him. The extreme loftiness of the noble trees, which are thrown together in surprising variety, with stems, rarely cylindrical, but of the most picturesquely irregular forms, covered with mosses and orchids, and loaded aloft with huge masses of epiphytical ferns of exquisite beauty; all these vegetable wonders, viewed in the transparent, green, and almost sunless light which even on the brightest days pervades their recesses, combined

with the delicious fragrance and the agreeable temperature which in fine weather invariably characterizes the cedar brushes, astonish and gratify the lovers of sylvan scenery. But, although the senses are charmed, the difficulties in exploring them, to ascertain of what species of trees they consist, are very great; and still more serious are the obstacles to be surmounted in getting out new trees when found. The common use of the wood of the cedar (*Cedrela Australis*) in joiners' and cabinet work, and its extensive importation to the neighbouring colonies and to Europe, have induced the sawyers to penetrate into every nook from whence sawn timber could be dragged out. But in seeking out this particular tree they would appear to have neglected all the rest. The most experienced amongst them have no names for a great number, and can give little information to be relied upon with regard to the qualities of their timber. They have been in the habit of confounding together numerous species under the general head of "brush trees." It requires careful and laborious investigation on the part of a stranger in these brushes to distinguish trees of even very different families; their foliage is often so far overhead, and so intermingled with that of the neighbouring trees and climbers, their trunks are so covered with epiphytes, and the light is so imperfect, that the tree often requires to be cut down to determine its identity; even then it frequently becomes further requisite to cut down several of the neighbouring trees, which have their branches attached to it by the "bush-ropes," before the tree will fall, and bring the foliage within the explorer's reach. The uncertainty of their periods of flowering and fruiting gives rise to further difficulty. On the present occasion, although they have been repeatedly examined at short intervals over a period of six months, comprising the seasons at which they might be expected to show flowers or fruit, it is remarkable how few have been detected in a fertile state. These few forming the exception rather than the rule with the particular species to which they belong, it would appear to be certain that the great majority of the trees of this class do not flower every year, and many of them only at long intervals. In proof of the intimate intermixture of many kinds of trees it may be stated that, skirting a narrow track through a cedar brush for about half a mile, more than sixty species were observed, all growing within twenty or twenty-five yards of the tracks; of these above three-fourths were of the stature of trees. It may be remarked, also, that no two brushes resemble each other precisely; fresh species of trees make their appearance in each succeeding brush, whilst others disappear. This characteristic seems to prevail wherever an opportunity of examining them closely has been afforded. The timber of the trees of this class differs remarkably from Class A. The grain is much finer; it is also, for the most part, sound at heart; and the heart-wood, if not shaken in the fall of the tree, may be used, as is the case with the timber trees of Europe; even when a very large size, and not sound at the butt, they are usually perfectly so a little higher up; they differ generally, also, from the trees of Class A. in splitting most freely the "bursting way." Although their qualities be so little known, it is not to be doubted that some of them would prove of great value. The very imperfect collection of them which has been made on this occasion affords evidence that some possess considerable beauty. At the same time it should be observed, that the timber of a considerable portion is not durable when exposed to the weather or to damp; and that, as a class, they are, neither for strength nor lasting qualities, to be compared with the numerous, more coarsely grained, but almost imperishable woods of Class A.

Mr. Holmes, the Commissioner for British Guiana, in supplying the prices and descriptions of the various specimens of wood from that colony, has also sent the following information, which is most important in a commercial point of view :—

The colony is intersected by numerous large rivers, navigable for vessels of large burthen, which can thus penetrate into the heart of primitive forests capable of affording an unlimited supply of timber, and, as in many parts of the colony the trees are cut down in the immediate vicinity of these rivers and creeks, the cost of the wood, which has been given wherever it could be ascertained, depends alone on the price of labour for felling and squaring.

NEW SOUTH WALES.

No. 1.—Botanical name, *Tristiania nerifolia*. Natural order, MYRTACEÆ. Aboriginal name, OORAMILLY. Local name, WATER GUM.

"A very fine tree, with lofty cylindrical boll; timber close-grained and elastic, valuable for boat-building. Common at Illawarra, high up the side of the mountain; requires to be seasoned carefully."

The average diameter of the tree is from 30 inches to 50 inches. The average height, from 100 feet to 130 feet.

Specific gravity of specimen, 1·001, water being 1·000.

NOTE.—*The Weights are all reduced from Kilogrammes.*

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	1¼	1	3967·2
2	1 1	1¼	1	4848·8

SECOND EXPERIMENT, for noting the Deflection.
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.
1102 lbs.	0·12 in.	0·05 in.
2204	0·24	0·11
3306	0·59	0·19
4408	. . . . .	0·27

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre
The Dimensions of the Specimens for ascertaining the Crushing Strain, unless otherwise stated, are 1 inch cube.

Strain applied.	Amount yielded.
11020 lbs.	0·04 in.
Crushing Weight	11020 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204 lbs.	0·12 in.
4408	0·18
6612	0·27
8816	0·61

No. 2.—Botanical name, *Eucalyptus pillularis*. Natural order, MYRTACEÆ. Local name, MOUNTAIN ASH, or WHITE or WILLOW TOP.

"A remarkable specimen of Eucalyptus, found only on the summits of rocky or stony ranges; common over a wide extent of the great dividing range; with very dark-coloured rugged outer bark on the trunk, and smooth white bark on the branches; timber very hard, tough, and durable; much prized for poles and shafts of drays. Specimen collected very indifferent."

The average diameter of the tree is from 36 inches to 60 inches. The average height, from 100 feet to 130 feet.

Specific gravity of specimen, 1·110.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	1⅞	1	—
2	1 2	1⅞	1	7824·2
3	1 2	1⅞	1	8265·0
4	1 2	1⅞	1	8044·6
5	1 2	1⅞	1	7934·4

SECOND EXPERIMENT, for noting the Deflection.
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.		Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.		Specimen 1.	Specimen 2.
1102 lbs.	. . .	0·05 in.	5310 lbs.	. . .	0·22
2204	1·69 in.	0·09	6612	. . .	0·26
3306	. . .	0·13	7714	. . .	0·3
4408	. . .	0·17			

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
11020 lbs.	0·07 in.
Crushing Weight	11020 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
8816 lbs.	0·12 in.

No. 3.—Botanical name, *Eucalyptus media*. Natural order, MYRTACEÆ. Aboriginal name, YARR WARRA. Local name, BLACK BUTT.

"One of the largest of the Eucalypti, producing excellent durable timber for house carpentry, or any purpose where strength and durability are the chief requisites; attains upwards of 30 feet in circumference, but in such cases is always very hollow."

The average diameter of the tree is from 36 inches to 72 inches. The average height is from 100 feet to 200 feet.

Specific gravity of specimens, 0·891.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	1½	4	3857·0
2	1 3	1½	1	8154·8
3	1 3	1½	1	7754·7
4	1 3	1½	1	5510·0
5	1 3	1½	1	6281·4
6	1 3	1½	1	6612·0
7	1 3	1½	1	8154·8
8	1 3	1½	1	7229·1

SECOND EXPERIMENT, for noting the Deflection.
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.		Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.		Specimen 1.	Specimen 2.
1102 lbs.	. . .	. . .	4408 lbs.	. . .	0·14 in.
2204	. . .	0·12 in.	5510	. . .	0·2
3306	0·56 in.	No appreciable difference.	6612	. . .	0·25
			7163	. . .	0·29
			7714	. . .	0·44

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre

Strain applied.	Amount yielded.
4408 lbs.	0·03 in.
6612	0·04
8816	0·06
11020	0·18
Crushing Weight	11020·0 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204 lbs.	·11 in.	6612 lbs.	0·60 in.
3304	·44	8816	0·64
4408	56		

No. 4.—Botanical name, *Eucalyptus* Sp. Natural order, MYRTACEÆ. Aboriginal name, GNAOULI. Local name, WOOLLY BUTT.

"Very large and fine timber tree; its wood much prized for felloes of wheels, and other work requiring strength and toughness."

The average diameter of the tree is from 36 inches to 72 inches. The average height from 100 feet to 150 feet.

Specific gravity of specimen, 1·005.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	1½	4	3085·6
2	1 3	1½	1	7273·2
3	1 3	1½	1	4518·2
4	1 3	1½	1	4738·6
5	1 3	1½	1	3857·0

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.		Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.		Specimen 1.	Specimen 2.
1102 lbs.	- - -	0·03 in.	5510 lbs.	- - -	0·19 in.
2204	0·81 in.	0·04	6612	- - -	0·21
3306	- - -	0·08	7714	- - -	0·34
4408	- - -	0·13			

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
1102 lbs. .	Nothing perceptible.	4408 lbs. . .	0·04 in.
2204 . .	0·03 in.	5510 . . .	None perceptible.
3306 . .	No perceptible increase.	6612 . . .	0·07 in.
	Crushing Weight . .	. . . .	7063·8 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
1102 lbs. . .	Not perceptible.	5510 lbs. . . .	0·31 in.
2204 . . .	0·07 in.	6612	0·34
3306 . . .	0·12	7714	0·36
4408 . . .	0·21	8816	0·4

No. 5.—Botanical name, *Eucalyptus* Sp. Natural order, MYRTACEÆ. Aboriginal name, BARREMMA. Local name, IRON BARK.

"The timber of this rugged-looking tree is of the highest reputation for strength and durability; differs from the Iron Barks of Cumberland and Camden."

The average diameter of the tree is from 36 inches to 72 inches. The average height is from 100 feet to 150 feet.

Specific gravity of specimen, 1·032.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In Square.	Feet.	Lbs.
1	4 6	1½	4	3416·2
2	1 3	1½	1	8485·4
3	1 3	1½	1	8816·0
4	1 3	1½	1	9190·7

REMARK.—*All the specimens evidenced great toughness, even after fracture, the part separating with great difficulty.*

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.		Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.		Specimen 1.	Specimen 2.
1102 lbs.	Not perceptible.	0·03 in.	5510 lbs.	. .	0·16 in.
2204	0·92 in.	0·05	6612	. .	0·19
3306	1·51	0·08	7163	. .	0·23
4408	. .	0·12	7714 .	. .	0·28

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre

Strain applied.	Amount yielded.
1102 lbs	No perceptible yielding up to 8816 lbs.
8816	0·01 in.
9918	0·11
Crushing Weight . .	9920·7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse direction.

Strain applied.	Amount yielded.
1102 lbs.	—
2204	0·05 in.
3306	—
4408	0·52, at which point the specimen crushed to pieces.

No. 6.—Botanical name, *Eucalyptus* Sp. Natural order, MYRTACEÆ. Aboriginal name, TDJETLAT BARROUL-GOURA. Local name, BLUE GUM OF CAMDEN.

"A very valuable timber, harder, tougher, more inlocked in grain, and more durable than the common Blue Gum; but not obtainable of nearly such large size; one of the most durable woods known; excellent for naves and felloes of wheels, and for work under ground."

The average diameter of the tree is from 36 inches to 48 inches. The average height from 80 feet to 100 feet.

Specific gravity of specimen, 0·843.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	1¼	4	2655·8
2	1 2	1¼	1	3306·0
3	1 3	1¼	1	5621·0
4	1 3	1¼	1	4518·2

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.
1102 lbs.	0·02 in.	—
2204	0·04	0·10 in.
3306	. . . .	0·19

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204 lbs.	0·04 in.
4408	0·07
6612	0·09
8816	0·19
Crushing Weight	8818·4 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
4408 lbs.	0·03 in.
6612	0·26
8816	0·64

No. 7.—Botanical name, *Eucalypta* Sp. Natural order, MYRTACEÆ. Aboriginal name, NGNOOROO-WARRA. Local name, BOX OF ILLAWARRA.

"Another Eucalyptus, with magnificent timber: the wood exceedingly hard, tough, and durable."

The average diameter of the tree is from 48 inches to 72 inches. The average height from 120 feet to 180 feet.

Specific gravity of specimen, 1·170.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	1¼	4	4518·2
2	1 1	1¼	1	11240·4

SECOND EXPERIMENT, for noting the Deflection.
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.		Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.		Specimen 1.	Specimen 2.
1102 lbs.	0·04 in.	None perceptible.	5510 lbs.	. .	1·1 in.
2204	0·05	0·02 in.	6612	. .	1·13
3306	0·14	0·05	7163	. .	0·16
4408	0·52	0·09	7714	. .	0·19

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
8816 lbs.	0·05 in.
Crushing Weight	9920·7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204 lbs.	0·05 in.
3306	0·06
4408	Split all to pieces.

No. 8.—Botanical name, *Eucalyptus corymbosa*. Natural order, MYRTACEÆ. Aboriginal name, BOURRAYRRA-GOURROO. Local name, TRUE BOX OF CAMDEN.

"A low, branching species of Eucalyptus, not very abundant; timber of excellent quality."

The average diameter of the tree is from 18 inches to 36 inches. The average height, from 30 to 50 feet.

Specific gravity of specimen, 0·970.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	1¼	4	3086·4
2	1 3	1¼	1	4628·4
3	1 3	1¼	1	4518·2
4	1 3	1¼	1	4518·2
5	1 3	1¼	1	4959·0
6	1 3	1¼	1	5333·6

SECOND EXPERIMENT, for noting the Deflection.
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.
2204·6 lbs.	. . . .	0·04 in.
3306·9	. . . .	0·11
4409·2	. . . .	0·20

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre

Strain applied.	Amount yielded.
8818 lbs.	00·9 in.
Crushing Weight	8818 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded
2204·6 lbs.	0·08 in.	6613·8 lbs.	0·55 in.
3306·9	0·47	7164·9	0·58
4409·2	0·50	7716·1	0·59
5611·5	0·53		

No. 9.—Botanical name, *Eucalyptus* Sp. Natural order, MYRTACEÆ. Aboriginal name, BOUR-ROUGNE. Local name, STRINGY BARK OF CAMDEN.

"A species yielding timber much prized for flooring boards and house carpentry, of considerable strength and durability; differs from the Stringy Bark of the Coast."
The average diameter of the tree is from 24 inches to 54 inches. The average height, from 50 feet to 100 feet.
Specific gravity of specimen, 0·864.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	1½	4	2755 7
2	1 4	1½	1	3086 4
3	1 4	1½	1	2888·0
4	1 4	1½	1	3262·3

SECOND EXPERIMENT, for noting the Deflection.
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.
1102·3 lbs.	0·04 in.	—
2294·6	0·84	0·06 in.

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204·6 lbs.	0·02 in.
4409·2	0·04
6613·8	0·08
8818·4	0·12
Crushing Weight	8818·4 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·26 in.
4409·2	0·52
6613·8	0·58

No. 10.—Botanical name, *Casuarina* Sp. Natural order, CASUARINACEÆ. Aboriginal name, COOM-BAU. Local name, FOREST SWAMP OAK.

"Small tree, usually forming small, detached, dense thickets in open forest ground, where the situation is moist; wood tolerably close, prettily marked, not durable, but much used where lightness and toughness are required."
The average diameter of the tree is from 12 inches to 30 inches. The average height, from 40 feet to 80 feet.
Specific gravity of specimen, 0·851.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	1½	4	2314·8
2	1 3	1½	1	4629·6
3	1 3	1½	1	3416·2
4	1 3	1½	1	3195·8

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.
2204·6 lbs.	1·49 in.	0·09 in.
3306·9	. . . . .	0·18
4409·2	. . . . .	0·30

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204·6 lbs.	0·03 in.
4409·2	0·05
Crushing Weight	5511·5 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·18 in.
4409·2	0·35
6613·8	0·42
8818·4	0·46

No. 11.—Botanical name, *Eucalyptus* Sp. Natural order, MYRTACEÆ. Aboriginal name, BARROUL-GOURRA. Local name, BASTARD BOX.

"The most unsightly, perhaps, of all the Eucalypti in appearance, generally very much decayed at the heart before it attains its full stature. Its timber is, nevertheless, in high repute for great strength and durability; for the poles and shafts of drays and carts, and for the spokes of wheels, it is supposed to have no equal."

The average diameter of the tree is from 24 inches to 48 inches. The average height, from 60 feet to 100 feet.

Specific gravity of specimen, 1·115.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	1½	4	3571·3
2	13 7½	1½	1	5510·0
3	1 3	1½	1	6435·0
4	1 3	1½	1	5739·4

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.
1102·3 lbs.	. . . . .	0·08 in.
2204·6	0·05 in.	0·12
3306·9	0·88	0·19
4009·2	. . . . .	0·23

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
6613·8 lbs.	0·02 in.
8818·4	0·03
Crushing Weight	9700·2 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·06 in.—crushed to pieces.

No. 12.—Botanical name, *Eucalyptus* Sp. Natural order, MYRTACEÆ. Local name, SWAMP MAHOGANY, CAMDEN.

"A fine species, with handsome foliage, yielding fine timber, but not of such strength and durability as many other kinds."

The average diameter of the tree is from 36 inches to 48 inches. The average height, from 80 feet to 100 feet.

Specific gravity of specimen, 0·864.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	1½	4	2425·0
2	14 0	1½	12	6061·0
3	14 0	1½	12	5289·6

SECOND EXPERIMENT, for noting the Deflection.
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.
2204·6 lbs.	0·97 in.	—

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204·6 lbs.	0·03 in.
4409·2	0·05
6613·8	0·07
8818·4	0·12
Crushing Weight	8814·8 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·12 in.	6613·8 lbs.	0·40 in.
3306·9	0·18	7716·1	0·41
4409·2	0·24	8818·4	0·45
5511·5	0·35		

No. 13.—Botanical name, *Eucalyptus* Sp. Natural order, MYRTACEÆ. Aboriginal name, TERRI-BARRI. Local name, ROUGH-LEAVED, ROUGH-BARKED IRON BARK.

"One of the species which yield the strongest and most durable timber; bark very rugged and durable. This tree has been proposed for their emblem by the colonists of New South Wales."

The average diameter of the tree is from 24 inches to 48 inches. The average height, from 80 feet to 100 feet.

Specific gravity of specimen, 1·016.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	1½	4	4519·4
2	1 3	1½	1	8154·8
3	1 3	1½	1	8265·0

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.
2204·6 lbs.	0·03 in.	0·05 in.
3306·9	0·70	0·09
4409·2	1·53	0·11
5511·5	. . . .	0·16
6613·8	. . . .	0·20
7716·1	. . . .	0·27

THIRD EXPERIMENT for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
1023·0 lbs.	0·09 in.
13227·6	0·10
Crushing Weight	13227·6 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs. . . .	0·05 in.	5511·7 lbs. . . .	0·66 in.
3306·9	0·53	6613·8	0·67
4409·2	0·57	7716·1	0·69

No. 14.—Botanical name, *Tristania* Sp. Local name, HICKORY.

"A species, apparently differing from No. 1, common at Illawarra, and in high repute for toughness and strength. Collected at Brisbane Water, where it grows on low, moist land, and never attains the dimensions of No. 1, at Illawarra. The latter was found only high up the mountain. Not having found a single specimen of No. 14 in a state of fructification, the question of the identity of the two Nos. seems to be doubtful."

The average diameter of the tree is from 24 inches to 36 inches. The average height, from 80 feet to 120 feet.

Specific gravity of specimen, 0·748.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	1½	4	4188·7
2	1 2	1½	1	4408·0

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.
1102·3 lbs.	0·02 in.	0·06 in.
2204·6	0·09	0·14
3306·9	0·94	0·21
4409·2	—	0·32

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
6613·8 lbs.	0·11 in.
Crushing Weight	7052·8 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·27 in.
3306·9	0·44
5511·5	0·49
7716·1	0·52

No. 15.—Botanical name, *Eucalyptus* Sp. Natural order, MYRTACEÆ. Local name, MAHOGANY.

"A noble timber tree; its wood much prized for its strength and durable qualities. One of the specimens is from a principal rafter of the roof of Parramatta Church, built in 1798. One face of this specimen shows the original surface of the rafter."

The average diameter of the tree is from 30 inches to 70 inches. The average height, from 60 feet to 130 feet.

Specific gravity of specimen, 0·952.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	1½	4	2976·1
2	1 2	1½	1	8485·4
3	1 2	1½	1	7559·7

SECOND EXPERIMENT, for noting the Deflection.
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.
2204·6 lbs.	0·43 in.	0·04 in.
3306·9	. . . . .	0·08
4409·2	. . . . .	0·11
5511·5	. . . . .	0·15
6613·8	. . . . .	0·20

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
9920·7 lbs.	0·03 in.
Crushing Weight	9920·7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
3306·9 lbs. . . .	0·31 in.	6613·8 lbs. . . .	0·40 in.
4409·2 . . .	0·33	7716·1 . . .	0·44
5511·5 . . .	0·36	8818·4 . . .	0·46

No. 16.—Botanical name, *Eucalyptus* Sp. Natural order, MYRTACEÆ. Local name, GREY GUM.

"A fine hard wood timber, from the neighbourhood of Windsor."

The average diameter of the tree is from 24 inches to 48 inches. The average height, from 60 feet to 100 feet.

Specific gravity of specimen, 0·927.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	5 0	1½	4	3507·3
2	1 3	1½	1	7163·0

SECOND EXPERIMENT, for noting the Deflection.
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.
204·6 lbs.	0·02 in.	—
409·2	0·44	—

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·02 in.	8818·4 lbs.	0·08 in.
4409·2	0·04	9920·7	0·12
6613·8	0·06		
Crushing Weight	9920·7 lbs.		

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction

Strain applied.	Amount yielded.
2204·6 lbs.	0·07 in.
4409·2	0·44
6613·8	0·66
8818·4	0·67

BRITISH GUIANA.

No. 17.—Aboriginal name, CABACALLI. Local name, CABACALLI.

"From Berbice River; grows tall and straight, and will square from 12 to 18 inches for 40 to 50 feet in length. The wood is heavy and close-grained: it possesses a bitter principle, which protects it against the attacks of worms, and renders it durable under water. It must, however, be fastened with copper nails. Of the branches timbers and knees for every description of craft are made, which are quite as lasting as those of Mora."

Its cost in Guiana, at a wood-cutting establishment, is 1*s.* to 1*s.* 4*d.* per cubic foot.

Specific gravity of specimen, 0·893.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	1 2¼	2	1	7163·0
2	1 2¼	2	1	7163·0

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.
2204·6 lbs.		0·04 in.
3306·9		0·09
4409·2		0·13
5511·5		0·17
6613·8		0·21

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
9920·7 lbs.	0·15 in.
Crushing Weight	9920·7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·03 in.	6613·8 lbs.	0·36 in.
3306·9	0·06	7716·1	0·41
4409·2	0·26	8818·4	0·45
5511·5	0·30		

No. 18.—Botanical name, *Mora Excelsa*. Aboriginal name, MORA. Local name, MORA.

"From Berbice River; the most majestic tree of the forests of Guiana, attains a height of from 100 to 150 feet, and is frequently found 60 feet in height without a branch; when of that length it will square 18 or 20 inches, but is then seldom sound throughout. The wood is extremely tough, close and cross-grained, so that it is difficult to split, which renders it peculiarly adapted for shipbuilding. The trunk makes admirable keels, timbers, and beams, and the branches, having a natural crookedness of growth, are unsurpassed as knees. Were men-of-war ceiled with this wood, little mischief would be occasioned by splinters during action. In most respects it is superior to oak, particuliarly in its exemption from dry rot. This, as well as Greenheart, ranks as one of the

eight first-class woods at Lloyd's for shipbuilding. It is abundant along the rivers of the coast region; it grows luxuriantly on sand reefs and on tracts of barren clay, known as "Mora clay." The importance of the Mora in naval architecture is now fully recognized in Great Britain, and a new export trade has been opened to the colony. On the upper Barima this tree is so abundant, and grows to such a size, that the whole British Navy might be reconstructed merely from the trees which line its banks,—a circumstance well worth consideration, for the river being navigable to vessels of 12 feet draught, the craft intended for the transport of the timber might load at the very spot where the trees are cut down. The bark of the Mora is used for tanning; the seeds also are said to be beneficial in cases of diarrhœa. The specimen sent is indifferent."

Cost, at wood-cutting establishment in Guiana, 1*s.* to 1*s.* 6*d.* per cubic foot.

Specific gravity of specimen, 0·922, water being 1·000.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 2	2	1	9697·6

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.		Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.		Specimen 1.	Specimen 2.
1102·3 lbs.	0·02 in.	—	5511·5 lbs.	0·13 in.	—
2204·6	0·05	—	6613·8	0·16	—
3306·9	0·09	—	7164·9	0·19	—
4409·2	0·12	—			

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
9920·7 lbs.	0·10 in.
Crushing Weight	9920·7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·17 in.	5511·5 lbs.	0·33 in.
3306·9	0·10	6613·8	0·38
4409·2	0·19	8818·4	0·50

No. 19.—Botanical name, *Piratinera Guianensis, Aubl.* Aboriginal name, BOURRA COURRA PAIRA. Local name, LETTER WOOD, or SNAKE WOOD.

"From Berbice River; this tree is *scarce* within several hundred miles of the sea-coast, is often from 50 to 70 feet high, and from 2 to 3 feet in diameter. The outer part of the wood is white and very hard; the heart is of great weight, hardness, and solidity; variegates with black spots of different size and figure, which gives rise to its name, 'Letter Wood,' and 'Snake Wood.'"

It is susceptible of a brilliant polish; but the small size of the mottled part, and its great value even in the colony, limits its use almost entirely to veneering, to picture frames, and to small pieces of furniture.

Cost, 8*d.* per lb. Specific gravity of specimen, 0·999.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	In.	Lbs.
1	1 0	2	9½	14215·8

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.		Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.		Specimen 1.	Specimen 2.
2204·6 lbs.	0·02 in.	Nil.	6613·8 lbs.	0·06 in.	Nil.
3306·9	0·03		7164·9	0·09	
4409·2	0·05		7716·1	0·10	
5511·5	0·07				

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
13227·6 lbs.	0·03 in.
Crushing Weight	14105·6 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·05 in.	6613·8 lbs.	0·17 in.
3306·9	0·08	7716·1	0·22
4409·2	0·10	8818·4	0·27
5511·5	0·14		

No. 20.—Botanical name, ——. Aboriginal name, HOUBABALLI. Local name, HOUBABALLI.

"A light brownish wood, beautifully variegated with black and brown streaks; easily worked, and makes beautiful furniture and cabinetwork. It may be had from 15 to 20 inches square, and from 40 to 70 feet long. The tree is by no means scarce, but is frequently found hollow in the centre, which often renders it useless."

Price in Guiana, at a wood-cutting establishment, 1*s.* 6*d.* to 2*s.* per cubic foot.

Specific gravity of specimen, 0·810.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 2	2	1	4518·2

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
2204·6 lbs.	0·08 in.
3306·9	0·13
4409·2	0·26

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204·6 lbs.	0·02 in.
4409·2	0·04
5511·5	0·13
Crushing Weight	5411·5 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction

Strain applied.	Amount yielded.
2204·6 lbs.	0·45 in.
4409·2	0·51
6613·8	0·55
8818·4	0·60

No. 21.—Botanical name, *Lecythis grandiflora, Aubl.* Aboriginal name, WADADURI. Local name, MONKEY POT.

"This tree is plentiful throughout the colony. It grows tall, straight, and to a large size. The wood is to be had from 15 to 20 feet in length, and from 4 to 6 inches in diameter. It is very close, tough, and elastic, and is in great repute for gig-shafts. The Indians make their arrow points of this wood. The specimen sent has been injured by water."

Price in Guiana, at a wood-cutting establishment, 1*s.* 6*d.* to 2*s.* per cubic foot.

Specific gravity of specimen, 0·941.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 1 2	In. square. 2	Foot. 1	Lbs. 10689·4

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection. Specimen 1.	Transverse Strain.	Deflection. Specimen 1.
2204·6 lbs.	0·03 in.	6613·8 lbs.	0·11 in.
3306·9	0·04	7164·9	0·13
4409·2	0·07	7716·1	0·14
5511·5	0·09		

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
12125·3 lbs.	0·04 in.
Crushing Weight	12125·3 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·08 in.
4409·2	0·59
6613·8	0·60
8818·4	0·62

No. 22.—Botanical name, *Lucuma Bomplandii, H. B.* Aboriginal name, BARTABALLI. Local name, BARTABALLI.

"Is a tree of large size, and plentiful. This wood is white, rather light, splits freely, and is good for staves, chairs, and the inside work of houses. It bears an agreeable fruit."

Specific gravity of specimen, 0·640.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 0 14	In. square. 1½	Foot. 1	Lbs. 5289·6

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection. Specimen 1.
1102·3 lbs.	0·05 in.
2504·6	0·10
3305·9	0·15
4409·2	0·20

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·04 in.	7716·1 lbs.	1·00 in.
4409·2	0·06	8818·4	1·04
6613·8	0·08		
Crushing Weight			8818·4 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·35 in.	6613·8 lbs.	0·51 in.
3306·9	0·42	8818·4	0·55
4409·2	0·47		

No. 23.—Botanical name, ——. Aboriginal name, COWASSA. Local name, WILD MAMMEE.

"A hard, close-grained wood, of a rich brown colour, prettily waved, and fitted for furniture and cabinet work."

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
	1 2	1½	1	4363·9

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
2204·6 lbs.	0·07 in.
3306·9	0·19

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
11023·0 lbs.	0·04 in.
13227·6	0·05
Crushing Weight	13227·6 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded
2204·6 lbs.	0·10	5613·8 lbs.	0·51 in.
3306·9	0·18	7716·1	0·53
4409·2	0·45	8818·4	0·55
6511·5	0·48		

No. 24.—Botanical name, *Copaifera Pubiflora* and *Bracteata, Benth.* Aboriginal name, MARIWAYANA. Local name, PURPLE HEART.

"Rather a scarce tree in the coast regions, being found chiefly in the mountainous tracts above the cataracts. There are several varieties or species, but all much alike, possessing great strength and durability. Used for mortar beds, being adapted for sustaining the shocks produced by the discharge of artillery."
Price in colony, 1*s.* 6*d.* to 2*s.* per cubic foot. Specific gravity of specimen, 0·679.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 2	2	1	[illegible]

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102·3 lbs.	0·02 in.
2204·6	0·06
3306·9	0·09
4409·2	0·12
5511·5	0·16

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204·6 lbs.	0·05 in.
4409·2	0·06
6613·8	0·08
8818·4	0·11
Crushing Weight	9920·7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·05 in.
4409·2	0·10
6613·8	0·18
8818·4	0·56

No. 25.—Botanical name, ——. Aboriginal name, WAMARA. Local name, BROWN EBONY.

"A hard, cross-grained wood, not apt to split, and therefore well-adapted for ship-building. Sir R. Schomburgh describes it as a scarce tree, attaining a great height; but the only part used is the heart, which is dark brown, and often streaked. Its hardness and weight cause it to be preferred by the Indians for their war-clubs. It may be had from 6 to 12 inches square, and from 20 to 40 feet long."

Specific gravity of specimen, 1·034.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 2	2	1	12122·0

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102·3 lbs.	0·01 in.
2204·6	0·06
4409·2	0·08
5511·5	0·09
6613·8	0·10
7164·9	0·13

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
11023·0 lbs.	0·07 in.
12125·3	0·09
Crushing Weight	12566·2 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·06 in.	6613·8 lbs.	0·37 in.
3306·9	0·10	7716·1	0·45
4409·2	0·11	8818·4	0·55

No. 26.—Botanical name, *Erythrina corallodendron* (LIN.) Aboriginal name, BARACARA. Local name, BARACARA.

"From Berbice River. A hard, close, and even-grained wood. The tree produces the red seeds of which necklaces, bracelets, &c., are made."

Specific gravity of specimen, 0·809.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearings between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	1 2	2	1	8954·9
2	1 5	2	1	8044·6

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.		Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.		Specimen 1.	Specimen 2.
1102·3 lbs.	0·03 in.	0·15 in.	5511·5 lbs.	0·24 in.	0·34 in.
2204·6	0·09	0·19	6613·8	0·30	0·45
3306·9	0·12	0·22	7164·9	0·33	—
4409·2	0·16	0·27	7716·1	0·36	0·68

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204·6 lbs.	0·02 in.
4409·2	0·03
6613·8	0·07
8818·4	0·10
Crushing Weight	8818·4 lbs.

FOURTH EXPERIMNNT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·24 in.	6613·8 lbs.	0·52 in.
3306·9	0·34	7716·1	0·55
4409·2	0·42	8818·4	0·56
5511·5	0·51		

No. 27.—Botanical name, *Nectandra Rodiæi* (SCHOMB.) Aboriginal name, SIPIRU, BIRIRU. Local name, GREENHEART (yellow variety).

"From Masaruni River. This tree is very abundant within 100 miles of the coast region, and its timber, squaring from 18 to 24 inches, may be had without a knot from 60 to 70 feet long. It is a fine, even-grained, hard wood, well adapted for planking vessels, house-frames, wharves, bridges, and other purposes where great strength and durability are required. As it is unsurpassed in resistance to tensile and compressive strains, it is admirable for kelsons and for ship timbers. It ranks as one of the eight first-class woods at Lloyd's for shipbuilding."

Specific gravity of specimen, 1·052.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	In.	Lbs.
1	0 11½	2	9½	14528·0

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
2204·6 lbs.	0·02 in.
3306·9	0·03
4409·2	0·05
5511·5	0·07
6613·8	0·08
7716·1	0·09

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
4409·2 lbs.	0·03 in.	11023·0 lbs.	0·09 in.
6613·8	0·05	12125·3	0·20
8818·4	0·07		
Crushing Weight	12125·3 lbs.		

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·04 in.	5511·5 lbs.	0·10 in.
3306·9	0·06	6613·8	0·11
4409·2	0·08		

No. 28.—Botanical name, *Nectandra Rodæi* (SCHOMB.) Aboriginal name, SIPIRI BIBIU. Local name, GREENHEART (black variety).

"From Masaruni River. This wood is used for the same purposes as the yellow Greenheart, but it is considered even more durable. It is a handsome wood, and takes a high polish. It is distinguished from the common Greenheart only by the colour of the wood; but it is so scarce in proportion to the brown or yellow, that not more than 1 in 20 of trees cut down are found to belong to this variety. This wood is in great request, on account of its well-known durability, being preferred to all others for windmill shafts, spindles, and mill works in general."

Specific gravity of specimen, 1·089.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when subm. Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
—	Ft. In. 0 11½	In. square. 2	In. 9½	Lbs. 13334

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
2204·6 lbs.	0·01 in.
4409·2	0·03
5511·5	0·05
6613·8	0·06
7716·1	0·08

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
15432·2 lbs.	0·11 in.
Crushing Weight	15432·2 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·05 in.
4409·2	0·38
6613·8	0·43
8818·4	0·51

No. 29.—Botanical name, *Diptery. odorata* (Wills.) Aboriginal name, CUAMARA. Local name, TONKA.

"This tree is not very plentiful in the colony. The timber may be had from 40 to 50 feet long, and 18 to 20 inches square. It is hard, tough, and durable in an eminent degree, and it is said that a piece one inch square, and of a given length, will bear 100 lbs. more weight than any other timber in Guiana of the same dimensions. It is therefore peculiarly adapted for any purpose where resistance to great pressure is desired. It is used for shafts, mill-wheels, and cogs. This tree yields the well-known 'Tonka Bean.'"

Price in colony, 1*s.* 6*d.* to 2*s.* per cubic foot. Specific gravity of specimen, 0·987.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No of Specimen.	Dimensions.		Bearing between supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 2	2	1	10469·0

SECOND EXPERIMENT, for noting the Deflection.
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	Transverse Strain.	Deflection.
	Specimen 1.		Specimen 1.
1102·3 lbs.	0·03 in.	5511·5 lbs.	0·10 in.
2204·6	0·04	6613·8	0·12
3306·9	0·06	7164·9	0·13
4409·2	0·09	7716·1	0·16

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
11023 lbs.	0·11 in.
Crushing Weight	11463·9 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·05 in.	6613·8 lbs.	0·10 in.
4409·2	0·06	7716·1	0·29
5511·5	0·01	8818·4	0·84

No. 30.—Botanical name, ——. Aboriginal name, DUCALIBALLI. Local name, DUCALIBALLI.

"This tree is of large size, but not plentiful. The timber may be had 40 feet long, but seldom more than 20 inches in diameter. It is a deep red close-grained wood, more even and compact than mahogany, and takes a high polish. It is in great repute for turning and cabinet-work. It resembles, or is perhaps identical with, the Brazilian beef-wood."

Price in colony, 2*s.* 6*d.* to 3*s.* per cubic foot. Specific gravity of specimen, 0·910.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 2	2	1	9367·0

SECOND EXPERIMENT, for noting the Deflection.
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	Transverse Strain.	Deflection.
	Specimen 1.		Specimen 1.
2204·6 lbs.	0·02 in.	6613·8 lbs.	0·10 in.
3306·9	0·04	7164·9	0·12
4409·2	0·06	7716·1	0·13
5511·5	0·09		

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
13227·6 lbs.	0·06 in.
Crushing Weight	13227·6 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·07 in.	6613·8 lbs.	0·23 in.
4409·2	0·09	7716·1	0·35
5511·5	0·15	8818·4	0·57

No. 31.—Botanical name, *Centrolobium robustum* (Mart.) Aboriginal name and local name, CARTAN.

"From Demerary River. A very rare wood, of a rich orange colour, like deal in its grain, but much harder and heavier. It reaches a height of 80 to 100 feet, and being easily worked, and of a handsome colour, promises to become of great interest to cabinet-makers."

Specific gravity of specimen, 0·703.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	In.	In. square.	Foot.	Lbs.
1	12¾	2	1	4959·0

SECOND EXPERIMENT, for noting the Deflection.
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102·3 lbs.	0·04 in.
2204·6	0·06
3306·9	0·11
4409·2	0·17
5511·5	0·29

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
9920·7 lbs.	0·05 in.
Crushing Weight	9920·7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·08 in.	6613·8 lbs.	0·43 in.
3306·9	0·26	7716·1	0·46
4409·2	0·35	8818·4	0·50
5511·5	0·40		

No. 32.—Botanical name, ——. Aboriginal and local name, KAIEERI-BALLI.

"From Berbice River. An excellent wood for beams, rafters, and plates of houses."

Specific gravity of specimen, 0·870.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 5	2	1	6391·6

SECOND EXPERIMENT, for noting the Deflection.
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102·3	0·01 in.
2204·6	0·05
3306·9	0·09
4409·2	0·13
5511·5	0·22

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
8818·4 lbs.	0·05 in.
Crushing Weight	8818·4 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·14 in.
4409·2	0·29
6613·8	0·38
8818·4	0·50

No. 33.—Botanical name, ——. Aboriginal and local name, BUHURADDA.

"Is very plentiful, and used for similar purposes as the preceding. This specimen is damaged by water."
Specific gravity of specimen, 0·814.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 7	2	1	9477·2

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection. Specimen 1.	Transverse Strain.	Deflection. Specimen 1.
2204·6 lbs.	0·05 in.	6613·8 lbs.	0·17 in.
3306·9	0·07	7164·9	0·22
4409·2	0·10	7716·1	0·24
6511·5	0·13		

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·03 in.	8818·4 lbs.	0·09 in.
4409·2	0·05	11023·0	0·10
6613·8	0·08	12125·3	0·11

Crushing Weight . . . . 12125·3 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·12 in.
6613·8	0·58
8818·4	0·60

No. 34.—Botanical name, *Eperua falcata, Aubl.* Aboriginal name and local name, WALLABA.

"From Berbice River. This wood is of a deep red colour, and is hard and heavy, but splits freely and smoothly, and is much used for shingles, staves, palings, posts, house frames, &c. It is impregnated with a resinous oil, which makes it very durable, both in and out of water. A roof well shingled with this wood will last more than 40 years. The tree is very abundant throughout the colony, growing generally on the banks of rivers. It may be cut 30 or 40 feet long, and 15 to 20 inches square."
Cost in colony, 10*d.* to 1*s.* 6*d.* per cubic foot. Specific gravity of specimen, 1·035.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 5	2	1	5510·0

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection. Specimen 1.
2204·6 lbs.	0·04 in.
3306·9	0·06
4409·2	0·09
5511·5	0·11

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
6613·8 lbs.	0·06 in.
Crushing Weight	6613·8 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·16 in.
3306·9	0·49

No. 35.—Botanical name, *Lecythis ollaria* (LIN.) Aboriginal and local name, KAKARALLI.

"This wood is very abundant, grows tall and straight, and may be had from 6 to 14 inches square, and 30 to 40 feet long. It is heavy, hard, and close-grained, and more durable than Greenheart in salt water, from its property of resisting the depredations of the sea-worm and barnacle. On this account it is much employed in the construction of wharfs, sluices, &c. It is also used for house-frames. The bark is easily stripped off, and consists of numerous layers, which the Indians separate by beating with a stick; when separated they have the appearance of thin satin paper. They are dried in the sun, and used as wrappers for cigars."

Price in colony, 1*s.* to 1*s.* 6*d.* per cubic foot. Specific gravity of specimen, 1·103.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions. Length.	Dimensions. Section.	Bearing between Supports.	Breaking Weight.
	Ft. In.	In. square.	Foot.	Lbs.
1	1 2	2	1	9587·4

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection. Specimen 1.	Transverse Strain.	Deflection. Specimen 1.
2204·6 lbs.	0·04 in.	6613·8 lbs.	0·17 in.
3306·9	0·07	7164·9	0·20
4409·2	0·10	7716·1	0·25
5511·5	0·14		

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·06 in.	8818·4 lbs.	0·12 in.
4409·2	0·08	11023·0	0·15
6613·8	0·10	13227·6	0·18
Crushing Weight			13227·6 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·08 in.
4409·2	0·20
6613·8	0·34

No. 36.—Botanical name, ——. Aboriginal and local name, SILVERBALLI (yellow variety).

"This tree grows to a great size, but is then often hollow. It will, however, square sound from 10 to 14 inches, and from 40 to 50 feet long. The wood is lighter than water, and contains a bitter principle, which resists the attack of worms; hence it is much used in the colony for the outside planking of vessels and boats. It is also used for masts and booms. There are four varieties or species of this tree, distinguished as Black, Brown, Yellow, and White Silverballi; of these the latter is least esteemed."

Price in colony, from 1*s.* 6*d.* to 2*s.* per cubic foot. Specific gravity of specimen, 0·546.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 1 5	In. square. 2	Foot. 1	Lbs. 4297·8

SECOND EXPERIMENT, for noting the Deflection.
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
2204·6 lbs.	00·5 in.
3306·9	0·14

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
7716·1 lbs.	0·08 in.
Crushing Weight	7716·1 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·44 in.
4409·2	0·56
6613·8	0·59
8818·4	0·62

No. 37.—Botanical name, *Xguianensic carapa.* Local name, CRABWOOD.

"This tree is plentiful, grows tall and straight, and may be cut from 40 to 60 feet in length, with a square of 14 or 16 inches. The wood is light, and, as it takes a high polish, makes excellent furniture. It is also much used for floors, partitions, and doors in the houses of the wealthy. Masts and spars are formed of it, and it is sometimes employed for sugar hogsheads, and even for shingles, as it splits freely and smoothly. There are two varieties, Red and White. The seeds yield 'Crab Oil,' and the bark is useful for tanning, so that this tree ranks among the most useful of the colony."

Price in colony, 1*s.* to 1*s.* 6*d.* per cubic foot. Specific gravity of specimen, 0·603.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 1 5	In. square. 2	Foot. 1	Lbs. 5510·0

SECOND EXPERIMENT, for noting the Deflection.
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102·3 lbs.	0·04 in.
2204·6	0·08
3306·9	0·12
4409·2	0·18
5511·5	0·30

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
8818·4 lbs.	0·05 in.
Crushing Weight	8818·4 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·35 in.
4409·2	0·46
6613·8	0·50
8818·4	0·54

No. 38.—Botanical name, *Icica altissima, Aubl.* Aboriginal name, WARRACOORI. Local name, WHITE CEDAR.

"From Berbice River. Grows abundantly in the low grounds. It is a light, aromatic wood, easily worked; it splits freely, and is therefore well fitted for staves. During the American War it was used for sugar hogsheads. It is frequently employed for the frames and inside work of houses. Oars and paddles are also made of it, and even canoes. The bark in decoction is used for the Indian malady called the 'Caribisi sick.' This specimen is from a young tree."

Price in colony, 1*s.* to 1*s.* 6*d.* per cubic foot. Specific gravity of specimen, 0·771.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In square.	Foot.	Lbs.
1	1 2	2	1	7163·0

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
2204·6 lbs.	0·06 in.
3306·9	0·10
4409·2	0·14
5511·5	0·21
6613·8	0·29
7164·9	0·37

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
8818·4 lbs.	0·04 in.
9920·7	0·07
Crushing Weight	9920·7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·10 in.
4409·2	0·50
6613·8	0·54
8818·4	0·57

No. 39.—Botanical name, *Hymenæa Courbaril* (LIN.) Aboriginal name, SIMERI. Local name, LOCUST TREE.

"This tree is abundant in the colony, and often attains the height of 60 or 80 feet before it throws out a branch, and has a diameter of 8 to 9 feet. The wood is close-grained, hard, and compact, of a fine brown, streaked with veins, and takes a beautiful polish. As it does not split or warp, it is well adapted for mill timbers and engine beds. A considerable quantity is exported to England to be used as trenails in planking *vessels* and in beams and plants for fitting up steam engines. The tree yields the gum *animi of commerce.*"

Price in colony, from 1*s.* to 1*s.* 6*d.* per cubic foot. Specific gravity of specimen, 0·707.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 1¼	2	1	6171·2

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102·3 lbs.	0·03 in.
2204·6	0·10
3306·9	0·17
4409·2	0·24
5511·5	0·34

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204·6 lbs.	0·02 in.
4409·2	0·04
6613·8	0·06
8818·4	0·10
Crushing Weight	8818·4 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Tranverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·33 in.
4409·2	0·37
6913·8	0·44
8818·4	0·60

No. 40.—Botanical name, ——. Aboriginal and local name, BUCKATI.

"A hard, compact wood, of a rich brownish yellow colour."
Specific gravity of specimen, 0·812.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 2	2	1	7714·0

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
2204·6 lbs.	0·03 in.
3306·9	0·06
4409·2	0·10
5511·5	0·14
6613·8	0·20
7164·9	0·26

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
9920·7 lbs.	0·07 in.
Crushing Weight	9920·7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·09 in.
4409·2	0·33
6613·8	0·45
8818·4	0·50

No. 41.—Botanical name, ——. Aboriginal and local name, SIRABULIBALLI.

"A wood of small size, but very hard and compact, well adapted for framing."
Specific gravity of specimen, 0·838.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 5	2	1	9920·7

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection. Specimen 1.	Transverse Strain.	Deflection. Specimen 1.
2204·6 lbs.	0·03 in.	7164·9 lbs.	0·23 in.
3306·9	0·08	7716·1	0·29
4402·2	0·11	8818·4	0·32
5511·5	0·16	9920·7	0·40
6613·8	0·18		

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·01 in.	8818·4 lbs.	0 06 in.
4409·2	0·03	9920·7	0·19
6613·8	0·04		
Crushing Weight	9920·7 lbs.		

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·04 in.	6613·1 lbs.	0·49 in.
4409·2	0·40	7716·1	0·50
5511·5	0·46	8818·4	0·52

JAMAICA.

No. 42.—Botanical name, ——. Local name, BOXWOOD.

Used for framing. Specific gravity of specimen, 0·690.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 1½	2	1	5511·5

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection. Specimen 1.
Nil.	Nil.

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
4409·2 lbs.	01·0 in.
5511·5	05·0
8818·4	08·0
Crushing Weight	8818·4 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·05 in.	6613·8 lbs.	0·40 in.
3306·9	0·16	7716·1	0·51
4409·2	0·28	8818·4	0·54
5511·5	0·40		

No. 43.—Botanical name, *Erythroxylon areolatum*. Aboriginal and local name, IRON WOOD, or RED WOOD.

A small tree, 16 or 18 feet high, and 5 or 6 inches in diameter. Useful for furniture and flooring. Specific gravity of specimen, 0·987.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 2	1½	1	9369·5

SECOND EXPERIMENT, for noting the Deflection.
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection. Specimen 1.	Transverse Strain.	Deflection. Specimen 1.
1102·3 lbs.	0·02 in.	6618·3 lbs.	0·21 in.
2204·6	0·07	7164·9	0·34
3306·9	0·09	7716·1	0·38
4409·2	0·13	8818·4	0·44
5511·5	0·16		

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
17636·8 lbs.	0·13 in.
Crushing Weight	17636·8 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
4409·2 lbs.	0·02 in.
11023·0	0·08

No. 44.—Botanical name, *Amyris*. Aboriginal and local name, SATIN CANDLEWOOD.

Specific gravity of specimen, 0·956.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 2	2	1	12232·2

SECOND EXPERIMENT, for noting the Deflection.
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection. Specimen 1.	Tranverse Strain.	Deflection. Specimen 1.
1102·3 lbs.	0·02 in.	7164·9 lbs.	0·17 in.
2204·6	0·06	7716·1	0·18
3306·9	0·08	8818·4	0·21
4409·2	0·11	9920·7	0·24
5511·5	0·13	11023·0	0·31
6613·8	0·16	12125·3	0·42

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·03 in.	8818·4 lbs.	0·06 in.
4409·2	0·04	11023·0	0·07
6613·8	0·05		
Crushing Weight			12562·8 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
4409·2 lbs.	0·11 in.
5511·5	0·30
6613·8	0·55
8818·4	0·58

No. 45.—Botanical name, *Guatteria virgata.* Aboriginal and local name, LANCE WOOD.

"Excellent timber where strength and elasticity are required; tough."
Specific gravity of specimen, 0·675.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Feet.	Lbs.
1	1 2	1½	1	6612·0
2	1 2	2	1	7714·0

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.		Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.		Specimen 1.	Specimen 2.
1102·3 lbs.	0·03 in.	—	5511·5 lbs.	0·34 in.	0·22 in.
2204·6	0·09	0·06 in.	6613·8	. . .	0·30
3306·9	0·13	0·10	7164·9	. . .	0·39
4409·2	0·19	0·15			

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2304·6 lbs.	0·04 in.
4409·2	0·05
6613·8	0·07
Crushing Weight	6613·8 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·19 in.	5511·5 lbs.	0·40 in.
3306·9	0·30	6613·8	0·43
4409·2	0·37	8818·4	0·46

No. 46.—Botanical name, *Brya ebenus.* Aboriginal and local name, BLACK HEART EBONY, or WEST INDIAN EBONY.

"Very hard and ponderous, and susceptible of a very high polish; very common in the savannahs and dry hills."
Specific gravity of specimen, 1·193.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 2	1¼	1	8485·4

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
2204·6 lbs.	0·03 in.
3306·9	0·05
4409·2	0·09
5511·5	0·12
6613·8	0·17
7716·1	0·22

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
18739·1 lbs.	0·13 in.

Crushing Weight, 18959·5 lbs. (broke violently).

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
6613·8 lbs.	0·04 in.
7716·1	0·05
8818·4	0·30

No. 47.—Botanical name, *Laurus Chloroxylon.* Aboriginal and local name, COG-WOOD.

"The best for mill-framing, cog-wheels; enduring in water."
Specific gravity of specimen, 0·961.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 2	1½	1	6942·6

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102·3 lbs.	0·03 in.
2204·6	0·09
3306·9	0·10
4409·2	0·13
5511·5	0·21
6613·8	0·26

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
6613·8 lbs.	0·01 in.
8818·4	0·03
11023·0	0·05
Crushing Weight	12122·0 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·02 in.	6613·8 lbs.	0·19 in.
3306·9	0·05	7716·1	0·24
4409·2	0·09	8818·4	0·33
5511·5	0·15		

No. 48.—Botanical name, ———. Aboriginal and local name, SMALL LEAF.

Specific gravity of specimen, 1·169.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 1¼	1¼	1	7934·4

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102·3 lbs.	0·10 in.
2204·6	0·13
3306·9	0·17
4409·2	0·23
5511·5	0·28

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
15432·2 lbs.	0·18 in.
Crushing Weight	15432·2 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·04 in.	6613·8 lbs.	0·46 in.
4409·2	0·07		

No. 49.—Botanical name, *Citrus aurantium*. Aboriginal and local name, WILD ORANGE.

"Used for framing, &c." Specific gravity of specimen, 0·908.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	—	—	—	—
2	1 5¼	2	1	10141·1

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.		Transverse Strain.	Deflection.	
	Specimen 1.	Specimen 2.		Specimen 1.	Specimen 2.
3306·9 lbs.	0·03 in.	0·03 in.	7164·9 lbs.	0·14 in.	0·14 in.
4409·2	0·05	0·05	8818·4	0·21	0·21
5511·5	0·07	0·07	9220·7	0·29	0·29
6613·8	0·11	0·11			

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
4409·2 lbs.	0·02 in.	11023·0 lbs.	0·06 in.
6613·8	0·03	13227·6	0·08
8818·4	0·05		
Crushing Weight			13227·6 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·09 in.	6613·8 lbs.	0·39 in.
3306·9	0·14	7716·1	0·45
4409·2	0·19	8818·4	0·48
5511·5	0·31		

No. 50.—Botanical name, *Melicocca bijuga*. Aboriginal and local name, GYNIP.

"Originally imported from Surinam; grows commonly in the lowlands to a very large size."

Specific gravity of specimen, 0·984.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 1½	2	1	6612·0

SECOND EXPERIMENT, for noting the Deflection.
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102·3 lbs.	0·01 in.
2204·6	0·07
3306·9	0·10
4409·2	0·15
5511·5	0·20

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
4409·2 lbs.	0·01 in.
6613·8	0·03
7716·1	0·04
8818·4	0·07
Crushing Weight	8818·4 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·06 in.	6613·8 lbs.	0·21 in.
3306·9	0·10	7716·1	0·22
4409·2	0·15	8818·4	0·47
5211·5	0·19		

No. 51.—Botanical name, *Cedrela odorata*. Aboriginal and local name, CEDAR.

"Rises with a straight stem 70 or 80 feet, and often from 3 to 5 feet diameter; much esteemed for cabinet-ware and wainscoting; it affords most durable planks and shingles, yields a clear and abundant gum, which is said to be fit for shoemakers' use."

Specific gravity of specimen, 0·576.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 3	2	1	195·8

SECOND EXPERIMENT, for noting the Deflection.
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102·3 lbs.	0·10 in.
2204·6	0·26

x 2

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·02 in.	4409·2 lbs.	0·08 in.
3306·9	0·04	5511·5	0·13
Crushing Weight		6613·8 lbs.	

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·45 in.	6613·8 lbs.	0·53 in.
3306·9	0·48	7716·1	0·55
4409·2	0·50	8818·4	0·57
5511·5	0·51		

No. 52.—Botanical name, *Morus tinctoria.* Aboriginal and local name, FUSTIC.

"A well-known yellow dye-wood; but the use of it as a dye-wood is, we believe, much discontinued by the more splendid quercitron bark of America. The wood is admirably adapted for the felloes of carriage and cart wheels. Grown in Kingston."
Specific gravity of specimen, 0·966.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
	1 2¾	2	1	8595·6

SECOND EXPERIMENT, for noting the Deflection.
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection. Specimen 1.	Transverse Strain.	Deflection. Specimen 1.
2204·6 lbs.	0·05 in.	6613·8 lbs.	0·17 in.
3306·9	0·08	7164·9	0·21
4409·2	0·10	7716·1	0·23
5511·5	0·13		

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
12125·3 lbs	0·06 in.
Crushing Weight	12125·3 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·03 in.
4409·2	0·09
6613·8	0·28
8818·4	0·39

No. 53.—Botanical name, *Xanthoxylon clava Herculis.* Aboriginal and local name, PRICKLE YELLOW.

"For furniture, flooring, inlaying, &c., very common. Said to afford a dye, and to possess medicinal properties."
Specific gravity of specimen, 0·691.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 3	2	1	5730·

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection. Specimen 1.
1102·3 lbs.	0·02 in.
2204·6	0·05
3306·9	0·08
4409·2	0·14
5511·5	0·24

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
4409·2 lbs.	0·03 in.	7716·1 lbs.	0·07 in.
5511·5	0·04	8818·4	0·09
6613·6	0·06		
Crushing Weight		8818·4 lbs.	

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·28 in.
3306·9	0·52
4409·2	0·59
6613·8	0·65
8818·4	0·66

No. 56.—Botanical name, *Guaiacum officinale*. Aboriginal or local name, LIGNUM VITÆ.

"A well-known hard wood, adapted for rulers, pestles, and mortars, the rollers or wheels of blocks and pullies, yielding the medicinal gum resin, Guaiacum. A decoction of the bark is in common use among the natives as a cure for rheumatism. The tree is very common on the south side of the island."

Specific gravity of specimen, 1·170.
Ditto, No. 2 ditto, 0·651.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions. Length.	Dimensions. Section.	Bearing between Supports.	Breaking Weight.
	Ft. In.	In. square.	Feet.	Lbs.
1	1 2½	2	1	5511·5
2	1 4½	2	1	5069·2

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection. Specimen 1.	Specimen 2.
2204·6 lbs.	0·01 in.	0·07 in.
3306·9	0·05	0·12
4409·2	0·08	0·21

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
4409·2 lbs.	0·01 in.
6613·8	0·02
8818·4	0·04
9920·7	0·45
Crushing Weight	9920·7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
4409·2 lbs.	0·01 in.
6613·8	0·02
7716·1	0·05
8818·4	0·06
9920·7	0·26

No. 55.—Botanical name, *Acacia arborea*. Aboriginal or local name, WILD TAMARIND.

Specific gravity of specimen, 0·750.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 1 2	In. square. 1¼	Foot. 1	Lbs. 3526·4

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
2204·6 lbs.	0·12 in.
3306·9	0·14

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
4409·2 lbs.	0·07 in.
6613·8	0·09
7716·1	0·11
Crushing Weight	8705·8 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·48 in.
4409·2	0·64
6613·8	0·66
8818·4	0·70

No. 56.—Botanical name, *Quassia excelsa*. Aboriginal or local name, BITTERWOOD.

Used for "lumber generally; never infested with insects."
Specific gravity of specimen, 0·555.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 1 2	In. square. 2	Foot. 1	Lbs. 3746·8

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
2204·6 lbs.	0·17 in.
3306·9	0·44

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204·6 lbs.	0·09 in.
4409·2	0·13
5511·5	0·19
Crushing Weight	5511·5 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·51 in.
4409·2	0·57
6613·8	0·60
8818·4	0·63

No. 57.—Botanical name, *Bignonia longissima*, or *Tecoma longissima*. Aboriginal and local name, FRENCH OAK.

"Grows large."

Specific gravity of specimen, 0·774.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
	1 4½	2	1	4406·0

SECOND EXPERIMENT, for noting the Deflection.
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102·3 lbs.	0·02 in.
2204·6	0·14
3306·9	0·26
4409·2	0·44

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
4409·2 lbs.	0·01 in.
5511·5	0·04
6613·8	0·14
Crushing Weight	6613·8 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·33 in.	6613·8 lbs.	0·54 in.
3306·9	0·41	7716·1	0·58
4409·2	0·46	8818·4	0·61
5511·5	0·50		

No. 58.—Botanical name, *Citharexylum malano-cardium*. Aboriginal and local name, FIDDLEWOOD.

"Durable. Used for mill-framing, carriage wheels, &c. A most useful timber. Said to yield a beautiful yellow or orange colour for whitewashers' work."

Specific gravity of specimen, 0·707.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 2	2	1	5510·0

SECOND EXPERIMENT, for noting the Deflection
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102·3 lbs.	0·03 in.
2204·6	0·10
3306·9	0·18
4409·2	0·27

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204·6 lbs.	0·02 in.
4409·2	0·04
5511·5	0·07
6613·8	0·16
Crushing Weight	6613·8 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·36 in.
4409·2	0·61
6613·8	0·67
8818·4	0·69

No. 59.—*Terminalia latifolia.* Aboriginal or local name, BROADLEAF.

"Used for boards, scantling, shingles, and staves. This tree is often called the 'Almond Tree,' from the almond-shaped nut it bears. The outer coat of this nut (about ¼ inch thick) is a soft, acrid, insipid fruit, of which bats, &c. are very fond, as they constantly carry them about from place to place. The shell is very thick, and the nut very small, possessing a pleasant nutty flavour; grows 60 feet before reaching main branches, and 12 or 16 feet in circumference."

Specific gravity of specimen, 0·771.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 2	2	1	6061·0

SECOND EXPERIMENT, for noting the Deflection.
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102·3 lbs.	0·03 in.
2204·6	0·09
3306·9	0·14
4409·2	0·22
5511·5	0·35

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
4409·2 lbs.	0·03 in.
6613·8	0·06
7716·1	0·09
Crushing Weight	7716·1 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·16 in.	6613·8 lbs.	0·55 in.
3306·9	0·45	8818·4	0·60
4409·2	0·51		

No. 60.—Botanical name, *Brosopis juliflora.* Aboriginal and local name, CASHAW.

"Adapted for knees of boats and ship-building generally, but it does not stand the iron nails well. Yields an abundant gum, differing little, if at all, from gum arabic; also a useful fibre; a common tree; attains 30 or 40 feet in height, with 3 feet diameter; very hard, much twisted and crooked; sometimes split for shingles, but nail holes must be bored."

Specific gravity of specimen, 0·916.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
	1 2½	2	1	6321·6

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102·3 lbs.	0·01 in.
2204·6	0·06
3306·9	0·09
4409·2	0·15
5511·5	0·20

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
9920·7 lbs.	0·14 in.
Crushing Weight	9920·7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·07 in.
4409·2	0·25
6613·8	0·35
8818·4	0·44

No. 61.—Botanical name, *Achras sideroxylon*. Aboriginal name, NEESBERRY. Local name, BULLET TREE.

"A very lofty tree. Said to be called 'Bully' from its towering above other trees; esteemed as one of the best timber trees." Specific gravity of specimen, 1·046.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 2½	2	1	9920·7

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	Transverse Strain.	Deflection.
	Specimen 1.		Specimen 1.
2204·6 lbs.	0·04 in.	7164·9 lbs.	0·14 in.
3306·9	0·07	7716·1	0·16
4409·2	0·09	8818·4	0·22
5511·5	0·11	9920·7	0·30
6613·8	0·13		

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
14329·9 lbs.	0·08 in.
Crushing Weight	14329·9 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain Applied.	Amount yielded.
2204·6 lbs.	0·04 in.
4409·2	0·09
6613·8	0·13

No. 62.—Botannical name, *Podocarpus yacca*. Aboriginal and local name, YACCA.

"Grows freely in this island, at a moderate elevation from the sea level, and is used for ornamental cabinet purposes."

Specific gravity of specimen, 0·626.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 2½	2	1	2204·6

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102·3 lbs.	0·05 in.

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204·6 lbs.	0·03 in.
4409·2	0·04
5511·5	0·05
6613·8	0·10
Crushing Weight	6613·8 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded
2204·6 lbs.	0·39 in.	5511·5 lbs.	0·52 in.
3306·9	0·45	6613·8	0·53
4409·2	0·50	8118·4	0·58

No. 63.—Botanical name, *Hibiscus tiliaceus*. Aboriginal and local name, BLUE MAHOE.

"Used for cart, carriage, and waggon bodies, inlaying, &c.; much used for furniture, yields strong fibre for cordage."

Specific gravity of specimen, 0·536.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 5½	2	1	4297·0

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102·3 lbs.	0·09 in.
2204·6	0·23
3306·9	0·40

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
8818·4 lbs.	0·11 in.
Crushing Weight	8818·4 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·60 in.
4409·2	0·65
6613·8	0·68
8818·4	0·70

No. 64.—Botanical name, *Prunus Occidentalis*. Aboriginal and local name, PRUNE.

"The bark yields an excellent liquor." Specific gravity of specimen, 0·864.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 1 3	In. square. 2	Foot. 1	Lbs. 6613·8

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
2204·6 lbs.	0·05 in.
3306·9	0·09
4409·2	0·14
5511·5	0·20
6613·8	0·34

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·02 in.	8818·4 lbs.	0·05 in.
4409·2	0·03	9920·7	0·10
6613·8	0·04		

Crushing Weight . . . . . 9920·7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·06 in.	6613·8 lbs.	0·41 in.
3306·9	0·18	7716·1	0·42
4409·2	0·28	8818·4	0·45
5511·5	0·38		

No. 65.—Botanical name, *Swietania Mahogany Var.* Aboriginal and local name, WILD MAHOGANY.

"Used for furniture, water-wheels, planking of vessels, &c. Its growth dependent on localities." Specific gravity of specimen, 0·921.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 1 3	In. square. 2	Foot. 1	Lbs. 7383·4

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
2204·6 lbs.	0·04 in.
3306·9	0·09
4409·2	0·12
5511·5	0·18
6613·8	0·23
7164·9	0·28

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
4409·2 lbs.	0·63 in.
6613·8	0·65
8818·4	0·67
Crushing Weight	8818·4 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·10 in.
4409·2	0·52
6613·8	0·56
8818·4	0·56

No. 66.—Botanical name, *Bumelia salicifolia.* Aboriginal name, SAPOTA, and GALIMETA WOOD. Local name, WILLOW-LEAVED BASTARD BULLET TREE.

"From Fort George pen; extracted from the forest at six miles from the sea coast, and grew in a soil of mould, the substratum rock being porphyritic conglomerate and sandstone. Said to be good timber wood when not exposed to the weather."
Specific gravity of specimen, 0·902.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 1 5	In. square. 2	Foot. 1	Lbs. 6732·2

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102·3 lbs.	0·03 in.
2204·6	0·06
3306·9	0·09
4409·2	0·11
5511·5	0·14
6613·8	0·18

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
4409·2 lbs.	0·02 in.
6613·8	0·03
8818·4	0·05
11023·0	0 11
Crushing Weight	11023·0 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction

Strain applied.	Amount yielded.
2204·6 lbs.	0·11 in.
4409·2	0·30
6613·8	0·37
8818·4	0·42

No. 67.—Botanical name, *Hymenæa Courbaril.* Aboriginal and local name, LOCUST.

"Boards; house framing; hard and tough; supposed to have been imported. From *the roots exude that* valuable substance called 'gum animi,' which is said to form an *excellent varnish,* superior to Chinese lacca. Grows on the plains and mountains round *St. Catharine's.*" Specific gravity of specimen, 0·675.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 5¾	2	1	6061·0

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
2204·6 lbs.	0·06 in.
3306·9	0·14
4409·2	0·23
5511·5	0·40

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
4409·2 lbs.	0·03 in.
6613·8	0·05
7716·1	0·26
Crushing Weight	7716·1 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
2204·6 lbs.	0·38 in.	5511·5 lbs.	0·51 in.
3306·9	0·41	6613·8	0·54.
4409·2	0·45		

No. 68.—Botanical name, ——. Aboriginal and local name, BEECH.

Used for "house framing, of large growth. Specific gravity of specimen, 0·843.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 13¾	2	1	9033·8

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	Transverse Strain.	Deflection.
	Specimen 1.		Specimen 1.
2204·6 lbs.	0·02 in.	6613·8 lbs.	0·17 in.
3306·9	0·05	7164·9	0·21
4409·2	0·09	7716·1	0·27
5511·5	0·11	8818·4	0·45

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
8818·4 lbs.	0·08 in.
Crushing Weight	8818·4 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·13 in.
4409·2	0·31
5511·5	0·37
6613·8	0·41

No. 69.—Botanical name, *Andira inermis*. Local name, CABBAGE BARK TREE.

"Grows to a moderate height; bark used as a vermifuge; its effects are emetic, drastic, purgative, and narcotic; yields a very tough and useful wood."

Specific gravity of specimen, 0·945.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 5½	2	1	6722·2

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
2204·6 lbs.	0·05 in.
3306·9	0·08
4409·2	0·10
5511·5	0·15
6613·8	0·23

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
9920·7 lbs.	0·05 in.
Crushing Weight	9920·7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·08 in.
4409·2	0·34
6613·8	0·47
8818·4	0·52

No. 70.—Botanical name, ———. Aboriginal and local name, RED BULLY OR BULLET TREE.

Specific gravity of specimen, 0·999.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 4	2	1	5510·0

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
2204·6 lbs.	0·06 in.
3306·9	0·09
4409·2	0·10
5511·5	0·18

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204·6 lbs.	0·01 in.
4409·2	0·02
6613·8	0·05
8818·4	0·06
9920·7	0·16
Crushing Weight	9920·7 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·08 in.
4409·2	0·19
6613·8	0·34
8818·4	0·45

No. 71.—Botanical name, *Tamarindus occidentalis*. Aboriginal and local name, TAMARIND.

"Large growth: thrives in lowland savannahs, but best in brick mould districts."
Specific gravity of specimen, 0·970.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
—	Ft. In. 1 4½	In. square. 2	Foot. 1	Lbs. 6722·2

SECOND EXPERIMENT, for noting the Deflection.
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
2204·6 lbs.	0·05 in.
3306·9	0·09
4409·2	0·15
5511·5	0·20
6613·8	0·28

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
4409·2 lbs.	0·05 in.
6613·8	0·06
8818·4	0·09
Crushing Weight	9256·8 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·11 in.
4409·2	0·35
6613·8	0·41
8818·4	0·47

No. 72.—Botanical name, *Crescentia Cujete*. Local name, CALABAS.

"Grows common throughout the island, 20 feet and less high, wood light, tough, and pliant, fit for carriage building, &c. The fruit well adapted for many domestic and ornamental purposes."
Specific gravity of specimen, 0·557.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
1	Ft. In. 1 5½	In. square. 2	Foot. 1	Lbs. 4518·2

SECOND EXPERIMENT, for noting the Deflection.
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102·3 lbs.	0·03 in.
2204·6	0·08
3306·9	0·11
4409·2	0·23

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204·6 lbs.	0·01 in.
4409·2	0·03
5511·5	0·18
Crushing Weight	5511·5 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction

Strain applied.	Amount yielded.	Strain applied.	Amount yielded.
1102·3 lbs.	0·31 in.	5511·5 lbs.	0·54 in.
2204·6	0·33	6613·8	0·57
3306·9	0·43	7716·1	0·59
4409·2	0·50	8818·4	0.61

No. 73.—LIGNUM VITÆ. *See* No. 54, Specimen 2.

No. 74.—Botanical name, ———. Aboriginal and local name, YELLOW SANDERS.

Specific gravity of specimen, 0·859.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	1 4½	2	1	9590·0

SECOND EXPERIMENT, for noting the Deflection.
Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102·3 lbs.	0·03 in.
2204·6	0·07
3306·9	0·12
4409·2	0·21

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204·6 lbs.	0·03 in.
4409·2	0·05
6613·8	0·10
Crushing Weight	6613·8 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·26 in.
4409·2	0·43
6613·8	0·49
8818·4	0·52

No. 75.—Botanical name, *Swietenia Mahogani*. Aboriginal and local name, GREEN MAHOGANY.

"For furniture, water wheels, planking of vessels, &c."
Specific gravity of specimen, 0·664.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In. square.	Foot.	Lbs.
1	0 16½	2	1	6061·0

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
2204·6 lbs.	0·07 in.
3306·9	0·16
4409·2	0·23
5511·5	0·45

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
2204·6 lbs.	0·04 in.
4409·2	0·07
6613·8	0·10
Crushing Weight	7716·1 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·30 in.
4409·2	0·43
6613·8	0·49
8818·4	0·52

No. 76.—Botanical name, *Piscidia Carthageniensis*. Aboriginal and local name, BLACK DOGWOOD or BITCHWOOD.

"A mid-sized tree, grows mostly in the low lands, on dry calcareous hills. The bark, especially of the root, intoxicates fish. A tincture has been used as a hypnotic, and has been highly recommended in cases of maniacal excitement. A most useful tree, lasts well in or out of water, and said to make excellent piles for wharves, &c."

Specific gravity of specimen, 0·930, water being 1·000.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In square.	Foot.	Lbs.
1	1 6½		1	6061·0

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102·3 lbs.	0·03 in.
2204·6	0·08
3306·9	0·11
4409·2	0·13

THIRD EXPERIMENT, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
11023·0 lbs.	0·13 in.
Crushing Weight	11023·0 lbs.

FOURTH EXPERIMENT, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·07 in.
4409·2	0·17
6613·8	0·33
8818·4	0·70

No. 77.—Botanical name, *Citrus Aurantium*. Aboriginal and local name, SWEET ORANGE.

"Used for inlaying, &c., walking sticks. Very common; but thrives best in brick mould districts."
Specific gravity of specimen, 0·785.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In square.	Foot.	Lbs.
1	1 5¼	2	1	4628·4

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.
	Specimen 1.
1102·3 lbs.	0·04 in.
2204·6	0·10
3306·9	0·20
4409·2	0·38

No. 78.—Botanical name, *Piscidia Erythrina*. Aboriginal and local name, WHITE DOGWOOD.

"A mid-sized tree, growing mostly in the lowlands on dry calcareous hills. The bark, especially of the root, intoxicates fish."
Specific gravity of specimen, 0·943.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In square.	Foot.	Lbs.
1	0 17¼	2	1	9477·2

SECOND EXPERIMENT, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection.	Transverse Strain.	Deflection.
	Specimen 1.		Specimen 1.
1102·3 lbs.	0·02 in.	6613·8 lbs.	0·23 in.
2204·6	0·06	7164·9	0·26
4409·2	0·12	7716·1	0·30
5511·5	0·16	8818·4	0·39

No. 79.—Botanical name, *Laurus Borbonia*. Aboriginal and local name, TIMBER SWEETWOOD.

"For boards, staves, and scantlings; large and abundant on the lower hills."
Specific gravity of specimen, 0·973.

FIRST EXPERIMENT, for ascertaining the Breaking Weight when submitted to a Transverse Strain.

No. of Specimen.	Dimensions.		Bearing between Supports.	Breaking Weight.
	Length.	Section.		
	Ft. In.	In square.	Foot.	Lbs.
1	17 0¼	2	1	9149·1

Second Experiment, for noting the Deflection.

Dimensions and Bearing as in First Experiment.

Transverse Strain.	Deflection. Specimen 1.	Transverse Strain.	Deflection. Specimen 1.
2204·6 lbs.	0·04 in.	6613·8 lbs.	0·26 in.
3306·9	0·09	7164·9	0·30
4409·2	0·13	7716·1	0·33
5511·5	0·21	8818·4	0·48

Third Experiment, for ascertaining the Crushing Strain in the Direction of the Fibre.

Strain applied.	Amount yielded.
8818·4 lbs.	0·11 in.
9920·7	0·14
Crushing Weight	9920·7 lbs.

Fourth Experiment, for ascertaining the Crushing Strain in a Transverse Direction.

Strain applied.	Amount yielded.
2204·6 lbs.	0·05 in.
4409·2	0·20
8818·4	0·62

TABLE I.

In the following Table the Woods are arranged in the Order of their Specific Gravity.

No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1·000.	No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1·000.
46	Black Heart Ebony.	Jamaica	1·193	15	Mahogany	New South Wales.	0·952
7	Box of Illawarra.	New South Wales.	1·170	69	Bastard Cabbage Bark.	Jamaica	0·945
54	Lignum Vitæ.	Jamaica	1·170	73	White Dogwood.	Ditto	0·943
48	Small Leaf	Ditto	1·169				
11	Bastard Box	New South Wales.	1·115	21	Monkey Pot	British Guiana.	0·941
2	Mountain Ash	Ditto	1·110	50	Gynip	Jamaica	0·934
35	Kakaralli	Ditto	1·103	76	Black Dogwood.	Ditto	0·930
28	Sipiri or Greenheart.	British Guiana.	1·089	16	Grey Gum	New South Wales.	0·927
27	Sipiri or Greenheart.	Ditto	1·052	18	Mora	British Guiana.	0·922
61	Neesberry Bullet Tree.	Jamaica	1·046	65	Wild Mahogany.	Jamaica	0·921
34	Wallaba	British Guiana.	1·035	60	Cashaw	Ditto	0·916
25	Brown Ebony	Ditto	1·034	30	Ducaballi	British Guiana.	0·910
5	Iron Bark	New South Wales.	1·032	49	Wild Orange.	Jamaica	0·908
13	Rough-leaved Iron Bark.	Ditto	1·016	66	Bullet Tree (Bastard).	Ditto	0·902
4	Woolly Butt	Ditto	1·005	17	Cabacalli	British Guiana.	0·893
1	Water Gum	Ditto	1·001				
19	Letter Wood	British Guiana.	0·999	3	Black Butt	New South Wales.	0·891
70	Red Bully Tree.	Jamaica	0·999	32	Kaieeri-balli	British Guiana.	0·870
29	Cuamara or Tonka.	British Guiana.	0·987	71	Tamarind	Jamaica	0·870
43	Iron Wood	Jamaica	0·987	9	Stringy Bark.	New South Wales.	0·864
79	Sweet Wood	Ditto	0·973	12	Swamp Mahogany.	Ditto	0·864
8	True Box of Camden.	New South Wales.	0·970	64	Prune	Jamaica	0·864
52	Fustic	Jamaica	0·966	74	Yellow Sanders	Ditto	0·859
47	Cog Wood	New South Wales.	0·961	49	Wild Orange.	Ditto	0·850
44	Satin Candlewood.	Jamaica	0·956	6	Blue Gum	New South Wales.	0·843
				68	Beech	Jamaica	0·842

TABLE I.—*continued.*

No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1·000.	No. of Specimen.	Name of Wood.	Colony.	Specific Gravity, Distilled Water being 1·000.
41	Sirabuliballi .	British Guiana.	0·838	42	Box-wood .	Jamaica .	0·690
33	Buhuradda .	Ditto .	0·814	24	Purple Heart	British Guiana.	0·679
40	Buckati .	Ditto .	0·812	67	Locust Tree .	Jamaica .	0·675
20	Houbaballi .	Ditto .	0·810	45	Lancewood .	Ditto .	0·675
26	Baracara .	Ditto .	0·807	75	Green Mahogany.	Ditto .	0·664
77	Sweet Orange	Jamaica .	0·785				
57	French Oak .	Ditto .	0·774	10	Forest Swamp Oak.	New South Wales.	0·661
38	White Cedar	British Guiana.	0·771	74	YellowSanders	Jamaica .	0·651
59	Broad Leaf .	Jamaica .	0·771	22	Bartaballi .	British Guiana.	0·640
55	Wild Tamarind.	Ditto .	0·750	62	Yacca . .	Jamaica .	0·626
14	Hickory .	New South Wales.	0·748	37	Crabwood .	British Guiana.	0·603
39	Locust Tree .	British Guiana.	0·707	51	Cedar . .	Jamaica .	0·576
				72	Calabash .	Ditto .	0·557
58	Fiddle Wood	Jamaica .	0·707	56	Bitterwood .	Ditto .	0·555
31	Cartan . .	British Guiana.	0·703	63	Silverballi .	British Guiana.	0·546
53	Prickle Yellow	Jamaica .	0·691	63	Blue Mahoe .	Jamaica .	0·536

TABLE II.—BREAKING WEIGHTS.

In this Table the Woods are arranged according to their Value in the First Series of Experiments.

No. of Specimen.	Name of Wood.	Colony.	Breaking Weight reduced to 12 in. by 2 in. sq.	Value of S. in lbs.	Remarks.
			Lbs.		
43	Iron Wood . .	Jamaica . . .	14991·2	5624·0	
7	Box of Illawarra .	New South Wales .	13831·6	5186·6	
46	Black Heart Ebony .	Jamaica . . .	13580·3	5094·4	
48	Small Leaf . .	Ditto . . .	12698·6	4761·9	
44	Satin Candlewood .	Ditto . . .	12235·5	4587·7	
27	Sipiri or Greenheart .	British Guiana . .	12215·6	4580·0	Yellow variety.
25	Wamara or Brown Ebony.	Ditto . . .	12125·3	4546·0	
23	Wild Mammee . .	Ditto . . .	11640·2	4365·1	
11	Bastard Box . .	New South Wales .	11450·6	4294·5	
19	Letter Wood . .	British Guiana . .	11256·6	4221·8	
5	Iron Bark . . .	New South Wales .	10870·8	4068·0	
21	Monkey Pot . .	British Guiana . .	10692·3	4009·0	
26	Sipiri or Greenheart .	Ditto . . .	10471·8	3926·3	Black variety.
29	Cuamara or Tonka .	Ditto . . .	10471·8	3926·3	
49	Wild Orange . .	Jamaica . . .	10141·1	3802·9	From Metcalf Parish.
13	Broad-leaf Iron Bark	New South Wales .	10004·4	3752·2	
41	Sirabuliballi . . .	British Guiana . .	9920·7	8719·1	
61	Neesberry Bullet Tree	Jamaica . . .	9920·7	3719·1	
2	Mountain Ash . .	New South Wales .	9863·3	3699·3	
18	Mora	British Guiana . .	9700·2	3637·5	
35	Kakaralli . . .	New South Wales .	9590·0	3596·0	
74	Yellow Sanders . .	Jamaica . . .	9590·0	3596·0	
78	White Dogwood .	Ditto . . .	9479·7	3553·8	
33	Buhuradda . .	British Guiana . .	9479·7	3553·8	
30	*Ducaballi* . . .	Ditto . . .	9369·5	3511·9	
79	*Sweet Wood* . .	Jamaica . . .	9149·1	3430·3	
68	*Beech* . . .	Ditto . . .	9033·8	3389·0	

TABLE II.—*continued.*

No. of Specimen.	Name of Wood.	Colony.	Breaking Weight reduced to 12 in. by 2 in. sq.	Value of S. in lbs.	Remarks.
			Lbs.		
15	Mahogany	New South Wales	8994·7	3373·0	
3	Black Butt	Ditto	8741·2	3278·2	
52	Fustic	Jamaica	8597·9	3223·1	
47	Cog Wood	Ditto	8542·8	3205·4	
26	Baracara	British Guiana	8499·7	3189·2	
22	Bartaballi	Ditto	8465·6	3174·6	
12	Swamp Mahogany	New South Wales	8281·6	3101·8	
16	Grey Gum	Ditto	7828·5	2936·5	
14	Hickory	Ditto	7795·4	2923·3	
1	Water Gum	Ditto	7760·1	2910·0	
40	Buckati	British Guiana	7716·1	2892·4	
45	Lance Wood	Jamaica	7716·1	2892·4	
65	Wild Mahogany	Ditto	7385·4	2768·9	
17	Cabacalli	British Guiana	7167·1	2687·4	
38	White Cedar	Ditto	7167·1	2687·4	
6	Blue Gum	New South Wales	7167·1	2687·4	
69	Bastard Cabbage Bark	Jamaica	6724·0	2519·8	
71	Tamarind	Ditto	6724·0	2519·8	
66	Bastard Bullet Tree	Ditto	6724·0	2519·8	
64	Prune	Ditto	6613·8	2480·1	
50	Gynip	Ditto	6613·8	2480·1	
24	Purple Heart	British Guiana	6393·3	2403·0	
60	Cashaw	Jamaica	6393·3	2403·0	
32	Kaieeri-balli	British Guiana	6393·3	2403·0	
4	Woolly Butt	New South Wales	6272·0	2352·3	
10	Forest Swamp Oak	Ditto	6214·6	2330·2	
39	Locust Tree	British Guiana	6172·9	2314·8	
59	Broad Leaf	Jamaica	6062·7	2272·9	
76	Black Dogwood	Ditto	6062·7	2272·9	
67	Locust Tree	Ditto	6062·7	2272·9	
75	Green Mahogany	Ditto	6062·7	2272·9	
9	Stringy Bark	New South Wales	5795·9	2173·7	
53	Prickle Yellow	Jamaica	5731·9	2149·4	
55	Wild Tamarind	Ditto	5643·7	2116·4	
58	Fiddle Wood	Ditto	5511·5	2065·7	
42	Box Wood	Ditto	5511·5	2065·7	
34	Wallaba	British Guiana	5511·5	2065·7	
37	Crabwood	Ditto	5511·5	2065·7	
54	Lignum Vitæ	Jamaica	5511·5	2065·7	
70	Red Bully Tree	Ditto	5511·5	2065·7	
8	True Box of Camden	New South Wales	5443·1	2041·4	
31	Cartan	British Guiana	4960·3	1858·4	
20	Houbaballi	Ditto	4737·7	1776·9	
77	Sweet Orange	Jamaica	4629·7	1735·0	
72	Calabash	Ditto	4518·2	1694·0	
49	Wild Orange	Ditto	4409·2	1653·4	From St. Catherine's Parish.
57	French Oak	Ditto	4409·2	1653·4	
36	Silverballi	British Guiana	4299·0	1611·5	
63	Blue Mahoe	Jamaica	4299·0	1611·5	
56	Bitter Wood	Ditto	3747·8	1404·3	
51	Cedar	Ditto	3196·7	1199·3	
62	Yacca	Ditto	2204·6	826·7	

TABLE III.—Crushing Strains.

In this Table the Woods are arranged according to their Value in the Third Series of Experiments.

No. of Specimen.	Name of Wood.	Colony.	Crushing Weight applied in Direction of Fibre. Dimensions, one inch cube.	No. of Specimen.	Name of Wood.	Colony.	Crushing Weight applied in Direction of Fibre. Dimensions, one inch cube.
			Lbs.				Lbs.
46	Black Heart Ebony.	Jamaica .	18959·5	24	Purple heart	British Guiana.	9920·7
43	Iron Wood or Red Wood.	Ditto .	17636·8	15	Mahogany .	New South Wales.	9920·7
28	Sipiri Bibiru, or Green-heart.*	British Guiana.	15433·2	17	Cabacalli .	British Guiana.	9920·7
				18	Mora .	Ditto .	9920·7
48	Small Leaf .	British Guiana.	15432·2	31	Cartan .	British Guiana.	9920·7
61	Neesberry Bullet Tree.	Ditto .	14329·9	11	Bastard Box .	New South Wales.	9700·2
19	LetterWood or Snake Wood.	Ditto .	14105·6	71	Tamarind .	Jamaica .	9256·8
				8	True Box of Camden.	New South Wales.	8818·0
23	Wild Mammee	Ditto .	12237·6				
20	Ducaballi .	Ditto .	13227·6	6	Blue Gum of Camden.	Ditto .	8818·4
13	Rough-leaved, Rough-barked Iron Bark.	New South Wales.	13227·6	12	Swamp Mahogany.	Ditto .	8818·4
35	Kakaralli .	British Guiana.	13227·6	9	Stringy Bark, Camden.	Ditto .	8818·4
49	Wild Orange†	Jamaica .	13227·6	22	Bartaballi .	British Guiana.	8818·4
25	Wamara or Brown Ebony.	British Guiana.	12566·2	26	Barracara .	Ditto .	8818·4
44	Satin Candlewood.	Jamaica .	12562·8	32	Kaieeri-Balli	Ditto .	8818·4
				39	Simeri or Locust Tree.	Ditto .	8818·4
33	Buhuradda .	British Guiana.	12125·3	37	Crab Wood .	Ditto .	8818·4
21	Monkey Pot.	Ditto .	12125·3	42	Box Wood .	Jamaica .	8818·4
47	Cog Wood .	Jamaica .	12122·0	50	Gynip .	Ditto .	8818·4
27	Sipiri or Greenheart.‡	British Guiana.	12125·3	53	Prickle Yellow.	Ditto .	8818·4
52	Fustic . .	Jamaica .	12125·3	68	Beech .	Ditto .	8818·4
29	Cuamara or Tonka.	British Guiana.	11463·9	63	Blue Mahoe .	Ditto .	8818·4
				65	Wild Mahogany.	Ditto .	8818·4
76	BlackDogwood	Jamaica .	11023·0				
66	Willow-leaved Bastard Bullet Tree.	Ditto .	11023·0	55	Wild Tamarind.	Ditto .	8705·8
				36	Silverballi .	British Guiana.	7716·1
1	Water Gum .	New South Wales.	11020·0	75	Green Mahogany.	Jamaica .	7716·1
3	Black Butt .	Ditto .	11020·0				
2	Mountain Ash	Ditto .	11020·0	67	Locust .	Ditto .	7716·1
38	White Cedar .	British Guiana.	9920·7	59	Broad Leaf .	Ditto .	7716·1
40	Buckati .	Ditto .	9920·7	4	Woolly Butt .	New South Wales.	———
41	Sirabuliballi .	Ditto .	9920·7	14	Hickory .	Ditto .	7052·8
79	Sweet Wood .	Jamaica .	9920·7	34	Wallaba .	British Guiana.	6613·8
54	Lignum Vitæ	Ditto .	9920·7				
5	Iron Bark .	New South Wales.	9920·7	45	Lance Wood .	Jamaica .	6613·8
				51	Cedar .	Ditto .	6613·8
60	Cashaw .	Jamaica .	9920·7	57	French Oak .	Ditto .	6613·8
64	Prune . .	Ditto .	9920·7	58	Fiddle Wood	Ditto .	6613·8
69	Bastard Cabbage Bark Tree.	Ditto .	9920·7	62	Yacca .	Ditto .	6613·8
				74	Yellow Sanders.	Ditto .	6613·8
70	Red Bully Tree.	Ditto .	9920·7	72	Calabash .	Ditto .	5511·5
				10	Forest Swamp Oak.	New South Wales.	5511·5
77	Box of Illawara.	New South Wales.	9920·7	20	Houbaballi .	British Guiana.	5511·5
16	Grey Gum .	Ditto .	9920·7				
				56	Bitter Wood .	Jamaica .	5511·5

* Black variety. † From Metcalfe Parish. ‡ Yellow variety.

TABLE IV.

In this Table the Woods are placed according to their Value in the Fourth Series of Experiments.

No. of Specimen.	Name of Wood.	Colony.	Specimens, 1 in. square, Decimals of an Inch.
54	Lignum Vitæ	Jamaica	0·01
43	Iron Wood or Red Wood.	Ditto	0·02
46	Black Heart Ebony.	Ditto	0·02
29	Cuamara or Tonka.	British Guiana.	0·06
48	Small Leaf	Jamaica	0·07
27	Sipiri or Greenheart.	British Guiana.	0·08
30	Ducaballi	Ditto	0·09
47	Cog Wood	Jamaica	0·09
61	Neesberry Bullet Tree.	Ditto	0·09
52	Fustic	Ditto	0·09
24	Purple Heart	British Guiana.	0·10
19	Letter Wood or Snake Wood.	Ditto	0·10
2	Mountain Ash	New South Wales.	0·12
25	Wamara or Brown Ebony.	British Guiana.	0·11
44	Satin Candlewood.	Jamaica	0·11
50	Gynip	Ditto	0·15
76	Black Dogwood.	Ditto	0·17
1	Water Gum	New South Wales.	0·18
70	Red Bully Tree	Jamaica	0·19
18	Mora	British Guiana.	0·19
49	Wild Orange	Jamaica	0·19
79	Sweet Wood	Ditto	0·20
35	Kakaralli	British Guiana.	0·20
4	Woolly Butt	New South Wales.	0·21
60	Cashaw	Jamaica	0·25
17	Cabacalli	British Guiana.	0·26
3	Blue Gum of Camden.	New South Wales.	0·26
42	Box Wood	Jamaica	0·28
64	Prune	Ditto	0 28
32	Kaieeri Balli.	British Guiana.	0·28
66	Willow-leaved Bastard Bullet Tree.	Jamaica	0·30
68	Beech	Ditto	0·31
40	Buckati	British Guiana.	0·33
15	Mahogany	New South Wales.	0·33
69	Bastard Cabbage Bark Tree.	Jamaica	0·34
71	Tamarind	Ditto	0·35
51	Cartan	British Guiana.	0·35
10	Forest Swamp Oak.	New South Wales.	0·35
45	Lance Wood	Jamaica	0·37
39	Simeri or Locust Tree.	British Guiana.	0·37
31	Sirabulliballi	Ditto	0·40
26	Baracara	Ditto	0·42
74	Yellow Sanders.	Jamaica	0·43
75	Green Mahogany.	Ditto	0·43
16	Grey Gum	New South Wales.	0·44
67	Locust	Jamaica	0·45
23	Wild Mammee	British Guiana.	0·45
57	French Oak	Jamaica	0·46
37	Crab Wood	British Guiana.	0·46
22	Bartaballi	Ditto	0·47
14	Hickory	New South Wales.	0·47
8	True Box of Camden.	Ditto	0·50
51	Cedar	Jamaica	0·50
72	Calabash	Ditto	0·50
62	Yacca	Ditto	0·50
38	White Cedar	British Guiana.	0·50
59	Broad Leaf	Jamaica	0·51
20	Houbaballi	British Guiana.	0·51
65	Wild Mahogany	Jamaica	0·52
5	Iron Bark	New South Wales.	0·52
9	Stringy Bark of Camden.	Ditto	0·52
36	Siruballi	British Guiana.	0·56
33	Buhuradda	Ditto	0·56
3	Black Butt	New South Wales.	0·56
56	Bitterwood	Jamaica	0·57
13	Rough-leaved Rough-barked Iron Bark.	Ditto	0·57
21	Monkey Pot	British Guiana.	0·59
53	Prickle Yellow	Jamaica	0·59
58	Fiddlewood	Ditto	0·61
63	Blue Mahoe	Ditto	0·64
55	Wild Tamarind.	Ditto	0·65
7	Box of Illawarra.*	New South Wales.	—
11	Bastard Box†	Ditto	—
34	Wallaba‡	British Guiana.	—

* Fracture at 2000. † Fracture at 1800. ‡ 49 at 1500.

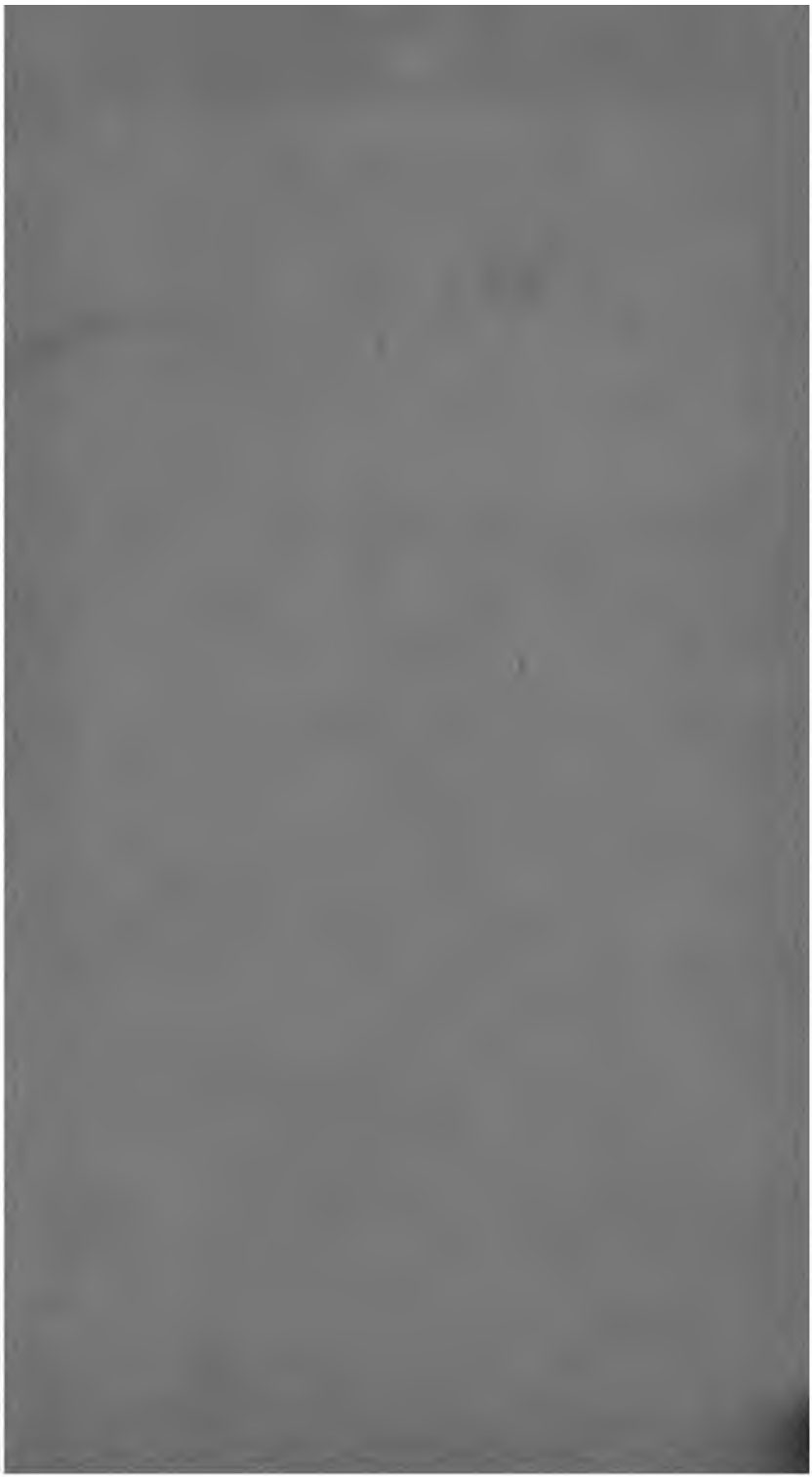
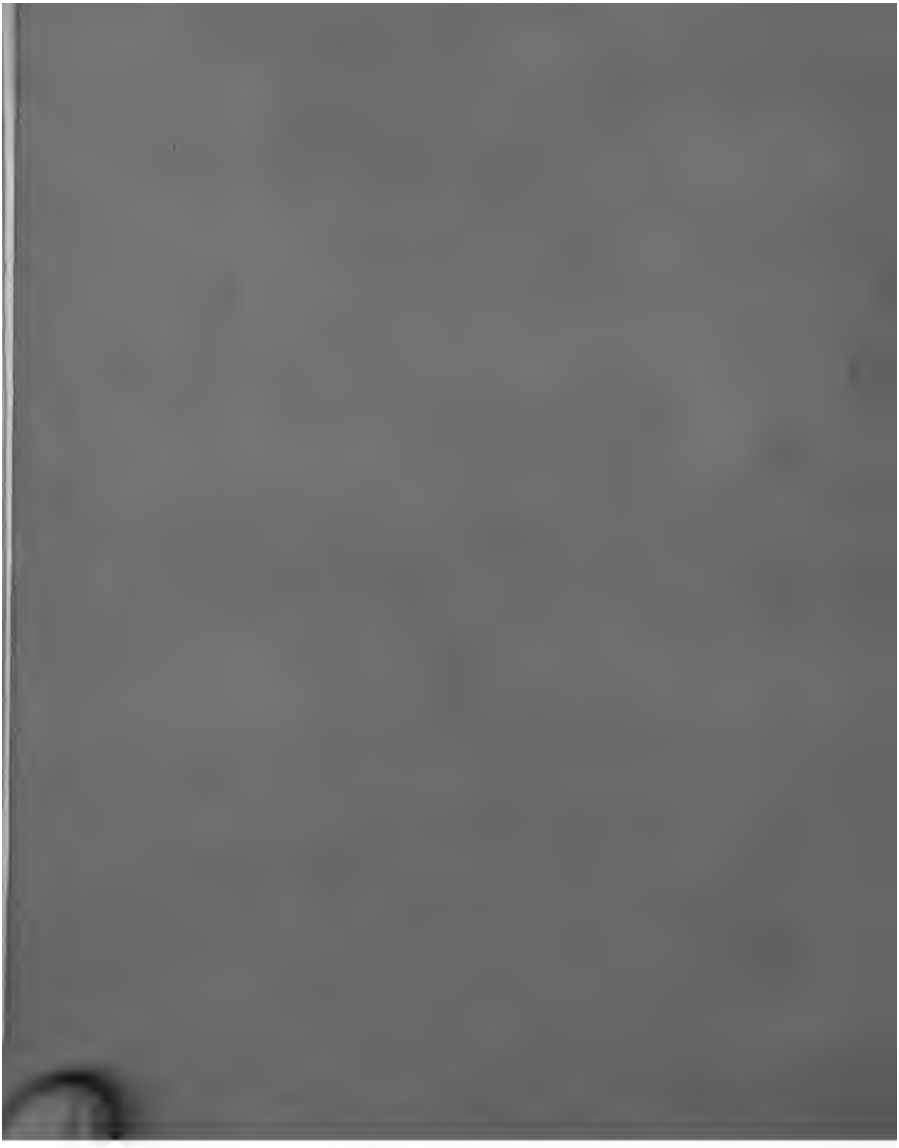
TABLE V.

The Ratio of the Breaking Weight to the Specific Gravity of each Wood.

No. of Specimen.	Name of Wood.	Breaking Weight divided by Specific Gravity.	No. of Specimen.	Name of Wood.	Breaking Weight divided by Specific Gravity.
43	Iron Wood	15·188	2	Mountain Ash	8·885
22	Bartaballi	13·228	59	Locust Tree	8·731
44	Satin Candle Wood	12·782	6	Blue Gum	8·501
41	Sirabulibalii	11·838	16	Grey Gum	8·444
7	Box of Illawarra	11·821	55	Prickle Yellow	8·290
25	Brown Ebony	11·726	54	Lignum Vitæ	8·210
33	Buhuradda	11·645	72	Calabash	8·111
27	Sipiri or Greenheart	11·611	17	Cabacalli	8·026
45	Lance Wood	11·431	63	Blue Mahoe	8·020
46	Black Heart Ebony	11·383	65	Wild Mahogany	8·019
21	Monkey Pot	11·362	42	Box Wood	7·987
49	Wild Orange	11·278	36	Silverballi	7·873
19	Letter Wood	11·267	59	Broad Leaf	7·863
48	Small Leaf	10·862	58	Fiddle Wood	7·794
68	Beech	10·722	74	Yellow Sanders	7·790
29	Cuamara or Tonka	10·609	1	Water Gum	7·752
5	Iron Bark	10·533	71	Tamarind	7·728
26	Baracara	10·532	64	Prune	7·654
18	Mora	10·520	55	Wild Tamarind	7·524
14	Hickory	10·421	66	Bastard Bullet Tree	6·454
30	Ducaballi	10·296	32	Kaieeri-balli	7·348
11	Bastard Box	10·269	69	Bastard Cabbage Bark	7·115
78	White Dogwood	10·052	50	Gynip	7·081
13	Rough-leaved Iron Bark	9·846	31	Cartan	7·055
3	Black Butt	9·810	60	Cashaw	6·979
28	Sipiri, or Greenheart	9·615	56	Bitter Wood	6·752
12	Swamp Mahogany	9·585	9	Stringy Bark	6·708
40	Buckati	9·502	76	Black Dogwood	6·519
61	Bullet Tree	9·483	4	Woolly Butt	6·240
15	Mahogany	9·448	77	Sweet Orange	5·904
24	Purple Heart	9·415	20	Houbaballi	5·849
79	Timber Sweet Wood	9·402	57	French Oak	5·694
10	Forest Swamp Oak	9·401	8	True Box of Camden	5·611
38	White Cedar	9·295	51	Cedar	5·549
37	Crab Wood	9·140	70	Red Bully Tree	5·518
75	Green Mahogany	9·124	34	Wallaba	5·325
67	Locust	8·981	49	Wild Orange	5·010
52	Fustic	8·900	62	Yacca	3·521
47	Cogwood	8·889			

No. 73. Botanical name, Guiacum officinale, *see* No. 54, Specimen 2.

INDEX OF WOODS TESTED IN FOREGOING EXPERIMENTS.

No. of Specimen.	Name of Wood.	Colony.	No. of Specimen.	Name of Wood.	Colony.
1	Water Gum	New South Wales.	39	Locust Tree	British Guiana.
2	Mountain Ash	Ditto.	40	Buckati	Ditto.
3	Black Butt	Ditto.	41	Sirabuliballi	Ditto.
4	Woolly Butt	Ditto.	42	Box Wood	Jamaica.
5	Iron Bark	Ditto.	43	Iron Wood	Ditto.
6	Blue Gum	Ditto.	44	Satin Candlewood	Ditto.
7	Box of Illawarra	Ditto.	45	Lancewood	Ditto.
8	True Box of Camden	Ditto.	46	Black Heart Ebony	Ditto.
9	Stringy Bark	Ditto.	47	Cog Wood	Ditto.
10	Forest Swamp Oak	Ditto.	48	Small Leaf	Ditto.
11	Bastard Box	Ditto.	49	Wild Orange	Ditto.
12	Swamp Mahogany	Ditto.	50	Gynip	Ditto.
13	Rough-leaved Iron Bark.	Ditto.	51	Cedar	Ditto.
			52	Fustic	Ditto.
14	Hickory	Ditto.	53	Prickle Yellow	Ditto.
15	Mahogany	Ditto.	54	Lignum Vitæ	Ditto.
16	Grey Gum	Ditto.	55	Wild Tamarind	Ditto.
17	Cabacalli	British Guiana.	56	Bitterwood	Ditto.
18	Mora	Ditto.	57	French Oak	Ditto.
19	Letter Wood	Ditto.	58	Fiddle Wood	Ditto.
20	Houbaballi	Ditto.	59	Broad Leaf	Ditto.
21	Monkey Pot	Ditto.	60	Cashaw	Ditto.
22	Bartaballi	Ditto.	61	Bullet Tree	Ditto.
23	Wild Mammee	Ditto.	62	Yacca	Ditto.
24	Purple Heart	Ditto.	63	Blue Mahoe	Ditto.
25	Brown Ebony	Ditto.	64	Prune	Ditto.
26	Baracaria	Ditto.	65	Wild Mahogany	Ditto.
27	Sipiri, or Green-heart, Yellow.	Ditto.	66	Bastard Bullet Tree	Ditto.
			67	Locust	Ditto.
28	Sipiri, or Green-heart, Black.	Ditto.	68	Beech	Ditto.
			69	Cabbage Bark Tree	Ditto.
29	Cuamara or Tonka	Ditto.	70	Red Bully Tree	Ditto.
30	Ducaballi	Ditto.	71	Tamarind	Ditto.
31	Cartan	Ditto.	72	Calabash	Ditto.
32	Kaieeri-balli	Ditto.	73	Lignum Vitæ	Ditto.
33	Buhuradda	Ditto.	74	Yellow Sanders	Ditto.
34	Wallaba	Ditto.	75	Mahogany	Ditto.
35	Kakaralli	Ditto.	76	Black Dogwood	Ditto.
36	Silverballi	Ditto.	77	Sweet Orange	Ditto.
37	Crab Wood	Ditto.	78	White Dogwood	Ditto.
38	White Cedar	Ditto.	79	Timber Sweetwood	Ditto.

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